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# CITRUS FRUIT INDUSTRY STATISTICAL BULLETIN

**Sunkist Growers, Inc.**

INFORMATION SYSTEMS DEPARTMENT

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## INTRODUCTION

This report contains statistical information related to the California-Arizona citrus industry and selected data regarding other citrus producing areas.

To maintain comparability among the various citrus areas in the United States, whenever possible the statistical series are taken from sources published by Federal and State Agencies. These sources may be different from records maintained by the industry for the same data series, due to differences in collection procedures.

Government sources are supplemented by the California-Arizona Citrus League and other industry records, for information not gathered by government agencies.

The statistical information is presented without analysis.

## CALIFORNIA-ARIZONA CITRUS INDUSTRY

### A Capsule History

California and Arizona are among the finest citrus producing areas in the world. The climate of warm and sunny days, mild breezes, and cool nights makes it possible for varieties of colorful and flavor-rich citrus fruit to be grown, picked, and shipped year-round.

As early as 1707, orange seeds were said to have been brought from Mexico, and orange trees were grown successfully at the Spanish missions in Southern Arizona. Nearly two centuries passed without much development. Then, in the early 1890s, 500 acres of oranges were planted in the Salt River Valley. A freeze in 1913 destroyed much of this acreage, but new groves were soon planted. In the 1920s growers introduced Marsh Seedless grapefruit along the Colorado and Gila River in Yuma County. Rapid expansion of this industry began in 1949, and Arizona citrus acreage has tripled since then.

Oranges and lemons were introduced in California with the founding of the first Spanish mission at San Diego in 1769. Soon each mission along the El Camino Real had citrus trees in its gardens, but the only orchard of any size was at San Gabriel Mission near Los Angeles. The first commercial California citrus was planted by a Kentucky trapper who had settled in the Pueblo of Los Angeles in the late 1830s. In 1841 he planted an orange grove in what is now downtown Los Angeles, and later added lemon trees. The real development of the citrus industry in California began with the "second gold rush" when navel oranges were introduced in 1873. By 1900 the winter orange business was booming in all parts of Southern California.

The production of California-Arizona citrus reached a peak in 1944-45 with a volume of 164 million cartons. After this period demand slowed, and such large quantities of fruit in the market brought lower prices and lower returns to growers. Citrus acreage in the two states dropped from 350,000 to 250,000 by 1956, and it was feared the industry would not survive. In the following years, however, many growers who sold their ranches in Southern California reinvested in citrus elsewhere, and growing locations for Western citrus shifted dramatically. Irrigation projects opened up land in California's vast Central Valley and brought Colorado River water to the arid lands of Southwestern Arizona and Southeastern California. Acreage and production increased anew.

Today, citrus bearing acreage is declining. Especially in the Phoenix and San Bernardino/Riverside areas, urban sprawl and new industries continue to decimate orchards. In spite of the decrease in acreage, citrus production increases in quantity and cost effectiveness due to the use of better water irrigation and agricultural practices.

NET WEIGHT PER CARTON, FRESH FRUIT
(In Pounds)

| State | Oranges | Tangerines | Lemons | Grapefruit | Limes |
|---|---|---|---|---|---|
| California | 37.5 | 37.5 | 38.0 | 33.5 | 38. |
| Arizona | 37.5 | 37.5 | 38.0 | 32.0 | 38.0 |
| Florida | *45.0 | 47.5 | 45.0 | 42.5 | 40.0 |
| Texas | 42.5 | - | - | 40.0 | - |

*Includes Temples, Tangelos and Honey Tangerines

TABLE 1

WORLD AND UNITED STATES CITRUS PRODUCTION
(1961-62 to 1980-81)

| Season | *Oranges & Tangerines | | | Lemons | | | Grapefruit | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | World | U.S. | U.S. % of World | World | U.S. | U.S. % of World | World | U.S. | U.S. % of World | World | U.S. | U.S. % of World |
| | Million Cartons | | % | Million Cartons | | % | Million Cartons | | % | Million Cartons | | % |
| 1961-62 | 791.3 | 285.8 | 36.1 | 90.9 | 33.5 | 36.9 | 103.2 | 85.8 | 83.1 | 985.4 | 405.1 | 41.1 |
| 1962-63 | 748.4 | 215.3 | 28.8 | 76.6 | 26.0 | 33.9 | 89.1 | 69.5 | 78.0 | 914.1 | 310.8 | 34.0 |
| 1963-64 | 788.5 | 194.5 | 24.7 | 93.7 | 38.1 | 40.7 | 91.6 | 68.4 | 74.7 | 973.8 | 301.0 | 30.9 |
| 1964-65 | 864.4 | 250.1 | 28.9 | 62.8 | 28.4 | 45.2 | 105.5 | 82.1 | 77.8 | 1,032.7 | 360.6 | 35.0 |
| 1965-66 | 934.5 | 291.9 | 31.2 | 65.5 | 31.5 | 48.1 | 121.1 | 93.4 | 77.1 | 1,121.1 | [illegible].8 | 37.2 |
| 1966-67 | 1,148.2 | 393.6 | 34.3 | 71.2 | 37.0 | 52.0 | 143.6 | 111.8 | 77.9 | 1,363.0 | 542.4 | 39.8 |
| 1967-68 | 1,018.1 | 268.6 | 26.4 | 73.9 | 35.6 | 48.2 | 120.3 | 88.1 | 73.2 | 1,212.3 | 392.3 | 32.4 |
| 1968-69 | 1,190.5 | 388.8 | 32.7 | 83.6 | 34.6 | 41.4 | 144.7 | 108.3 | 74.8 | 1,418.8 | 531.7 | 37.5 |
| 1969-70 | 1,269.5 | 394.7 | 31.1 | 124.4 | 33.5 | 26.9 | 150.5 | 107.8 | 71.6 | 1,544.4 | 536.0 | 34.7 |
| 1970-71 | 1,399.4 | 406.9 | 29.1 | 139.1 | 35.8 | 25.7 | 176.8 | 121.1 | 68.5 | 1,715.3 | 563.8 | 32.9 |
| 1971-72 | 1,454.6 | 414.0 | 28.5 | 135.8 | 37.1 | 27.3 | 184.5 | 128.3 | 69.5 | 1,774.9 | 579.4 | 32.6 |
| 1972-73 | 1,648.5 | 477.8 | 29.0 | 159.1 | 47.6 | 29.9 | 192.9 | 131.3 | 68.1 | 2,000.5 | 656.7 | 32.8 |
| 1973-74 | 1,674.6 | 463.1 | 27.7 | 160.9 | 39.0 | 24.2 | 193.6 | 131.0 | 67.7 | 2,029.1 | 633.1 | 31.2 |
| 1974-75 | 1,827.2 | 509.4 | 27.9 | 196.9 | 61.4 | 31.2 | 185.2 | 123.2 | 66.5 | 2,209.3 | 694.0 | 31.4 |
| 1975-76 | 1,900.3 | 522.4 | 27.5 | 180.8 | 38.0 | 21.0 | 204.2 | 140.2 | 68.7 | 2,285.3 | 700.6 | [illegible].7 |
| 1976-77 | 1,810.4 | 517.3 | 28.6 | 190.2 | 52.8 | 27.8 | 210.3 | 149.2 | 70.9 | 2,210.9 | 719.3 | 32.5 |
| 1977-78 | 1,915.7 | 473.9 | 24.7 | 194.4 | 53.6 | 27.6 | 216.2 | 149.3 | 69.1 | 2,326.3 | 676.8 | 29.1 |
| 1978-79 | 1,909.3 | 453.3 | 23.7 | 175.6 | 41.7 | 23.7 | 210.3 | 134.8 | 64.1 | 2,295.2 | 629.8 | 27.4 |
| 1979-80 | 2,181.9 | 590.3 | 27.1 | 170.8 | 44.5 | 26.1 | 230.3 | 146.4 | 63.6 | 2,583.0 | 781.2 | 30.2 |
| 1980-81 | 2,072.9 | 521.5 | 25.2 | 187.3 | 66.0 | 35.2 | 218.9 | 135.7 | 62.0 | 2,479.1 | 723.2 | 29.2 |

*Includes Temples and Tangelos

Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular;
Crop Reporting Board - Citrus Fruits by States;
Florida Crop and Livestock Reporting Service - Florida Citrus.

TABLE 2

PRODUCTION OF CALIFORNIA-ARIZONA CITRUS
(1951-52 to 1980-81)

| Season | Navels & Miscellaneous | Valencias | Total Oranges | Tangerines | Lemons | Grapefruit | Total |
|---|---|---|---|---|---|---|---|
| | 1,000 Cartons | | | | | | |
| 1951-52 | 25,900 | 52,380 | 78,280 | | 25,600 | 8,600 | 112,480 |
| 1952-53 | 34,060 | 59,800 | 93,860 | | 25,180 | 10,920 | 129,960 |
| 1953-54 | 30,020 | 37,120 | 67,140 | | 32,260 | 10,340 | 109,740 |
| 1954-55 | 31,680 | 49,420 | 81,100 | | 28,000 | 9,780 | 118,880 |
| 1955-56 | 31,220 | 47,820 | 79,040 | | 26,200 | 9,760 | 115,000 |
| 1956-57 | 31,800 | 42,580 | 74,380 | | 32,400 | 9,180 | 115,960 |
| 1957-58 | 19,180 | 29,720 | 48,900 | | 33,800 | 10,360 | 93,060 |
| 1958-59 | 34,340 | 47,280 | 81,620 | | 34,480 | 8,800 | 124,900 |
| 1959-60 | 28,120 | 36,480 | 64,600 | | 36,460 | 11,840 | 112,900 |
| 1960-61 | 18,880 | 33,440 | 52,320 | | 28,680 | 9,960 | 90,960 |
| 1961-62 | 16,080 | 27,800 | 43,880 | 520 | 33,480 | 10,420 | 88,300 |
| 1962-63 | 26,080 | 34,240 | 60,320 | 420 | 25,980 | 9,340 | 96,060 |
| 1963-64 | 31,860 | 35,940 | 67,800 | 580 | 38,080 | 14,820 | 121,280 |
| 1964-65 | 31,740 | 33,340 | 65,080 | 1,080 | 28,420 | 14,260 | 108,840 |
| 1965-66 | 39,320 | 38,520 | 77,840 | 1,060 | 31,540 | 16,000 | 126,440 |
| 1966-67 | 36,520 | 46,100 | 82,620 | 1,600 | 35,820 | 13,360 | 133,400 |
| 1967-68 | 20,060 | 24,480 | 44,540 | 1,420 | 33,700 | 16,716 | 96,376 |
| 1968-69 | 39,740 | 59,620 | 99,360 | 1,620 | 31,620 | 15,140 | 147,740 |
| 1969-70 | 44,380 | 42,880 | 87,260 | 2,220 | 31,040 | 16,820 | 137,340 |
| 1970-71 | 37,320 | 44,800 | 82,120 | 3,060 | 32,900 | 15,120 | 133,200 |
| 1971-72 | 46,400 | 50,200 | 96,600 | 3,660 | 33,360 | 15,880 | 149,500 |
| 1972-73 | 39,520 | 54,800 | 94,320 | 4,260 | 44,400 | 16,880 | 159,860 |
| 1973-74 | 44,700 | 42,920 | 87,620 | 4,080 | 35,600 | 13,400 | 140,700 |
| 1974-75 | 57,640 | 62,300 | 119,940 | 4,300 | 58,800 | 19,420 | 202,460 |
| 1975-76 | 58,060 | 52,900 | 110,960 | 3,920 | 35,240 | 20,560 | 170,680 |
| 1976-77 | 52,800 | 45,700 | 98,500 | 4,940 | 52,000 | 21,400 | 176,840 |
| 1977-78 | 41,640 | 50,800 | 92,440 | 4,000 | 52,200 | 22,720 | 171,360 |
| 1978-79 | 43,000 | 37,400 | 80,400 | 3,800 | 39,200 | 16,760 | 140,160 |
| 1979-80 | 66,900 | 58,900 | 125,800 | 4,800 | 41,500 | 21,000 | 193,100 |
| 1980-81 | 79,300 | 58,400 | 137,700 | 5,120 | 63,600 | 21,720 | 228,140 |

Prior to 1961-62 Navels & Miscellaneous includes small amounts of Tangerines.
Source: USDA, Crop Reporting Board - Citrus Fruits by States.

TABLE 3

BEARING ACREAGE OF CALIFORNIA - ARIZONA CITRUS
(1951-52 to 1980-81)

| Season | Navels & Miscellaneous | Valencias | Total Oranges | Tangerines | Lemons | Grapefruit | Total |
|---|---|---|---|---|---|---|---|
| | 1,000 Acres | | | | | | |
| 1951-52 | 81.4 | 133.4 | 214.8 | | 54.8 | 18.6 | 288.2 |
| 1952-53 | 77.7 | 130.0 | 207.7 | | 54.6 | 17.9 | 280.2 |
| 1953-54 | 75.7 | 123.5 | 199.2 | | 54.4 | 16.1 | 269.7 |
| 1954-55 | 73.7 | 116.4 | 190.1 | | 52.9 | 14.3 | 257.3 |
| 1955-56 | 71.0 | 105.9 | 176.9 | | 54.2 | 13.8 | 244.9 |
| 1956-57 | 65.4 | 93.3 | 158.7 | | 52.8 | 12.6 | 224.1 |
| 1957-58 | 65.1 | 90.2 | 155.3 | | 53.2 | 12.9 | 221.4 |
| 1958-59 | 63.8 | 87.9 | 151.7 | | 54.7 | 12.9 | 219.3 |
| 1959-60 | 63.0 | 83.1 | 146.1 | | 56.2 | 13.1 | 215.4 |
| 1960-61 | 63.3 | 80.8 | 144.1 | | 55.8 | 13.8 | 213.7 |
| 1961-62 | 62.6 | 77.7 | 140.3 | | 56.0 | 15.3 | 211.6 |
| 1962-63 | 64.0 | 73.7 | 137.7 | | 52.8 | 16.8 | 207.3 |
| 1963-64 | 64.5 | 74.9 | 139.4 | | 53.5 | 17.9 | 210.8 |
| 1964-65 | 66.4 | 73.2 | 139.6 | | 50.0 | 18.0 | 207.6 |
| 1965-66 | 67.7 | 73.2 | 140.9 | 5.8 | 48.6 | 19.1 | 214.4 |
| 1966-67 | 70.8 | 77.4 | 148.2 | 7.0 | 47.4 | 19.2 | 221.8 |
| 1967-68 | 74.5 | 86.2 | 160.7 | 9.2 | 47.4 | 19.5 | 236.8 |
| 1968-69 | 79.3 | 93.0 | 172.3 | 11.6 | 48.7 | 19.9 | 252.5 |
| 1969-70 | 84.2 | 98.8 | 183.0 | 12.5 | 47.1 | 19.9 | 262.5 |
| 1970-71 | 91.4 | 101.1 | 192.5 | 12.7 | 50.4 | 19.5 | 275.1 |
| 1971-72 | 100.3 | 104.4 | 204.7 | 14.5 | 52.0 | 20.2 | 291.4 |
| 1972-73 | 107.4 | 105.5 | 212.9 | 14.9 | 55.6 | 21.3 | 304.7 |
| 1973-74 | 113.7 | 104.0 | 217.7 | 16.1 | 64.6 | 23.4 | 321.8 |
| 1974-75 | 118.9 | 101.1 | 220.0 | 18.7 | 64.9 | 25.6 | 329.2 |
| 1975-76 | 121.9 | 96.8 | 218.7 | 17.5 | 67.7 | 26.8 | 330.7 |
| 1976-77(a) | 122.2 | 91.3 | 213.5 | 16.3 | 68.2 | 26.8 | 324.8 |
| 1977-78 | 118.6 | 85.6 | 204.2 | 13.6 | 67.9 | 28.1 | 313.8 |
| 1978-79 | 116.1 | 83.5 | 199.6 | 12.0 | 68.9 | 28.5 | 309.0 |
| 1979-80 | 117.4 | 84.1 | 201.5 | 11.7 | 70.0 | 29.8 | 313.0 |
| 1980-81 | 115.3 | 80.7 | 196.0 | 11.5 | 71.4 | 29.9 | 308.8 |

Prior to 1965-66 Tangerines included in Navels and Miscellaneous.
(a) No Arizona Acreage survey for 1976-77 season.
Source: California Fruit & Nut Acreage; California Fruit & Nut Statistics; Arizona Fruit & Vegetable Standardization Service.

TABLE 4

PRODUCTION OF ORANGES IN SPECIFIED COUNTRIES
(1976-77 to 1980-81)

| Countries | 1976-77 | 1977-78 | 1978-79 | 1979-80 | 1980-81 |
|---|---|---|---|---|---|
| | 1,000 Cartons (37.5 lbs.) | | | | |
| United States | 485,900 | 440,240 | 421,200 | 547,260 | 491,160 |
| Argentina | 43,512 | 39,396 | 41,513 | 42,101 | 47,040 |
| Australia | 20,933 | 21,697 | 23,461 | 23,696 | 22,638 |
| Cyprus* | 5,880 | 6,409 | 6,644 | 6,762 | 7,174 |
| Brazil | 324,576 | 461,815 | 479,455 | 525,437 | 521,203 |
| Greece | 29,341 | 25,225 | 28,224 | 19,698 | 31,046 |
| Israel* | 56,918 | 55,801 | 56,389 | 52,744 | 52,802 |
| Italy | 111,720 | 93,904 | 95,197 | 104,723 | 102,900 |
| Jamaica | 1,646 | 1,294 | 1,235 | 1,882 | 1,588 |
| Mexico | 67,150 | 75,852 | 75,264 | 95,844 | 94,080 |
| Morocco | 34,339 | 48,216 | 37,044 | 44,453 | 40,572 |
| South Africa* | 27,224 | 35,280 | 34,045 | 33,222 | 33,457 |
| Spain | 104,723 | 101,018 | 96,020 | 101,724 | 97,020 |
| Turkey | 32,046 | 38,220 | 38,573 | 39,984 | 39,396 |
| U.A.R. (Egypt) | 44,394 | 39,455 | 49,568 | 61,740 | 64,680 |
| All Others | 18,346 | 19,638 | 41,219 | 44,394 | 44,629 |
| Total | 1,408,648 | 1,503,460 | 1,525,051 | 1,745,664 | 1,691,385 |

*Includes Tangerines
Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular, Crop Reporting Board - Citrus Fruits By States.

## TABLE 5

## PRODUCTION AND UTILIZATION OF ORANGES, BY STATES
## (1971-72 to 1980-81)

| Season | California-Arizona | | | Florida | | | Texas | | | Total U.S. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | Fresh | Fresh | Total | Fresh | Fresh | Total | Fresh | Fresh | Total | Fresh | Fresh |
| | Million Cartons | | % | Million Cartons | | % | Million Cartons | | % | Million Cartons | | % |
| 1971-72 | 96.6 | 58.9 | 61 | 274.9 | 22.5 | 8 | 12.3 | 5.5 | 45 | 382.9 | 86.9 | 23 |
| 1972-73 | 94.3 | 53.9 | 57 | 339.4 | 24.4 | 7 | 15.6 | 6.4 | 41 | 449.3 | 84.7 | 19 |
| 1973-74 | 87.6 | 62.8 | 72 | 331.6 | 23.2 | 7 | 13.2 | 4.8 | 36 | 432.4 | 89.8 | 21 |
| 1974-75 | 119.9 | 77.1 | 64 | 345.6 | 26.8 | 8 | 9.1 | 4.8 | 53 | 475.6 | 108.7 | 23 |
| 1975-76 | 111.0 | 70.9 | 64 | 362.9 | 23.5 | 6 | 12.2 | 6.2 | 51 | 485.6 | 100.6 | 21 |
| 1976-77 | 98.5 | 69.8 | 71 | 373.6 | 17.8 | 5 | 13.8 | 6.8 | 49 | 485.9 | 94.4 | 19 |
| 1977-78 | 92.4 | 62.9 | 68 | 335.6 | 19.9 | 6 | 12.2 | 6.3 | 52 | 440.2 | 89.1 | 20 |
| 1978-79 | 80.4 | 52.8 | 66 | 328.0 | 23.4 | 7 | 12.8 | 4.2 | 33 | 421.2 | 80.4 | 19 |
| 1979-80 | 125.8 | 83.4 | 66 | 413.4 | 22.0 | 5 | 8.1 | 4.2 | 52 | 547.3 | 109.6 | 20 |
| 1980-81 | 137.7 | 80.7 | 59 | 344.8 | 16.6 | 5 | 8.7 | 5.7 | 66 | 491.2 | 103.0 | 21 |

Temples not included
Source: USDA, Crop Reporting Board - Citrus Fruits By States

## TABLE 6

## PRODUCTION AND UTILIZATION OF CALIFORNIA-ARIZONA ORANGES
## (1971-72 to 1980-81)

| Season | Navels & Miscellaneous | | | Valencia | | |
|---|---|---|---|---|---|---|
| | Total | Fresh | Processed | Total | Fresh | Processed |
| | 1,000 Cartons | | | | | |
| 1971-72 | 46,400 | 34,476 | 11,924 | 50,200 | 24,428 | 25,772 |
| 1972-73 | 39,520 | 26,448 | 13,072 | 54,800 | 27,490 | 27,310 |
| 1973-74 | 44,700 | 35,498 | 9,202 | 42,920 | 27,296 | 15,624 |
| 1974-75 | 57,640 | 42,000 | 15,640 | 62,300 | 35,100 | 27,200 |
| 1975-76 | 58,060 | 42,360 | 15,700 | 52,900 | 28,500 | 24,400 |
| 1976-77 | 52,800 | 39,810 | 12,990 | 45,700 | 29,950 | 15,750 |
| 1977-78 | 41,640 | 31,770 | 9,870 | 50,800 | 31,100 | 19,700 |
| 1978-79 | 43,000 | 29,800 | 13,200 | 37,400 | 23,080 | 14,320 |
| 1979-80 | 66,900 | 44,700 | 22,200 | 58,900 | 38,660 | 20,240 |
| 1980-81 | 79,300 | 50,200 | 29,100 | 58,400 | 30,520 | 27,880 |

Source: USDA, Crop Reporting Board - Citrus Fruits By States

TABLE 7

BEARING ACREAGE AND PRODUCTION OF ORANGES BY STATES
(1971-72 to 1980-81)

| Season | California-Arizona | | Florida | | Texas | | Total U.S. | |
|---|---|---|---|---|---|---|---|---|
| | Bearing Acreage | Production | Bearing Acreage | Production | Bearing Acreage | Production | Bearing Acreage | Production |
| | 1,000 Acres | Million Cartons | 1,000 Acres | Million Cartons | 1,000 Acres | Million Cartons | 1,000 Acres | Million Cartons |
| 1971-72 | 204.7 | 96.6 | 623.0 | 274.0 | 42.5 | 12.3 | 870.2 | 382.9 |
| 1972-73 | 212.9 | 94.3 | 619.6 | 339.4 | 35.0 | 15.6 | 867.5 | 449.3 |
| 1973-74 | 217.7 | 87.8 | 614.6 | 331.6 | 32.5 | 13.2 | 864.8 | 432.4 |
| 1974-75 | 219.9 | 119.9 | 610.4 | 346.6 | 30.9 | 9.1 | 861.2 | 475.6 |
| 1975-76 | 218.7 | 111.0 | 596.4 | 362.4 | 30.9 | 12.2 | 846.0 | 485.6 |
| 1976-77(a) | 213.5 | 98.5 | 594.3 | 373.6 | 28.2 | 13.8 | 836.0 | 485.9 |
| 1977-78 | 204.2 | 92.4 | 579.0 | 335.6 | 28.2 | 12.2 | 811.4 | 440.2 |
| 1978-79 | 199.6 | 80.4 | 571.5 | 328.0 | 27.8 | 12.8 | 798.9 | 421.2 |
| 1979-80 | 201.50 | 125.28 | 576.6 | 413.4 | 27.8 | 8.1 | 805.9 | 547.3 |
| 1980-81 | 196.0 | 137.7 | 573.4 | 344.8 | 25.3 | 8.7 | 794.7 | 491.2 |

(a): No Arizona Acreage survey for 1976-77. Used the latest data available.
Source: USDA, Crop Reporting Board - Citrus Fruits By States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; Florida Agricultural Statistics.

TABLE 8

BEARING AND NON-BEARING ACREAGE OF CALIFORNIA-ARIZONA ORANGES
(1971-72 to 1980-81)

| Season | Navels & Miscellaneous | | | Valencias | | |
|---|---|---|---|---|---|---|
| | Bearing | Non-Bearing* | Total | Bearing | Non-Bearing* | Total |
| | Acres | | | | | |
| 1971-72 | 100,335 | 34,919 | 135,254 | 104,362 | 10,220 | 114,582 |
| 1972-73 | 107,408 | 29,490 | 136,898 | 105,485 | 7,061 | 112,546 |
| 1973-74 | 113,755 | 19,042 | 132,797 | 103,969 | 5,686 | 109,655 |
| 1974-75 | 118,931 | 15,750 | 134,681 | 100,936 | 4,400 | 105,336 |
| 1975-76 | 121,942 | 11,300 | 133,242 | 96,744 | 3,597 | 100,341 |
| 1976-77(a) | 122,177 | 8,781 | 130,958 | 91,281 | 3,357 | 94,638 |
| 1977-78 | 118,355 | 5,200 | 123,755 | 85,637 | 2,193 | 87,830 |
| 1978-79 | 116,141 | 3,914 | 120,055 | 83,468 | 1,001 | 84,469 |
| 1979-80 | 117,405 | 3,437 | 120,842 | 84,050 | 876 | 84,926 |
| 1980-81 | 115,314 | 2,968 | 118,282 | 30,650 | 1,309 | 81,959 |

*: Starting with 1977-78, Arizona data not available.
(a): No Arizona Acreage survey for 1976-77. Used the latest data available.
Source: California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service

TABLE 9

COMMERCIAL FRESH SHIPMENTS, BY MONTHS
For California-Arizona Oranges
(1971-72 to 1980-81)

| Season | Nov. | Dec. | Jan. | Feb. | March | April | May | June | July | Aug. | Sept. | Oct. | Total Nov.-Oct. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,000 Cartons | | | | | | | | | | | | |
| 1971-72 | 3,892 | 5,322 | 5,359 | 5,735 | 6,455 | 6,459 | 6,792 | 5,379 | 4,286 | 3,847 | 4,023 | 3,251 | 60,800 |
| 1972-73 | 5,430 | 5,873 | 5,091 | 4,840 | 5,448 | 5,519 | 4,750 | 3,984 | 3,484 | 3,410 | 3,226 | 2,549 | 53,604 |
| 1973-74 | 3,989 | 5,128 | 5,502 | 7,455 | 8,301 | 7,451 | 7,055 | 4,971 | 4,096 | 4,173 | 3,511 | 1,842 | 63,474 |
| 1974-75 | 3,678 | 6,171 | 6,317 | 7,219 | 8,119 | 9,968 | 9,920 | 7,720 | 5,153 | 4,434 | 4,089 | 2,949 | 75,737 |
| 1975-76 | 3,937 | 5,713 | 6,323 | 5,691 | 7,437 | 7,965 | 8,649 | 6,719 | 5,196 | 4,457 | 4,445 | 3,920 | 70,452 |
| 1976-77 | 4,129 | 5,934 | 7,119 | 6,800 | 8,078 | 8,424 | 8,169 | 6,119 | 5,013 | 4,439 | 4,102 | 2,425 | 70,751 |
| 1977-78 | 3,311 | 5,559 | 5,601 | 6,451 | 7,383 | 8,195 | 6,831 | 5,582 | 3,862 | 3,570 | 3,105 | 2,436 | 61,886 |
| 1978-79 | 3,348 | 5,707 | 4,879 | 4,419 | 5,687 | 6,470 | 5,416 | 3,746 | 3,207 | 3,176 | 3,412 | 3,125 | 52,592 |
| 1979-80 | 4,351 | 5,794 | 6,782 | 7,484 | 9,725 | 9,976 | 10,435 | 7,581 | 6,354 | 5,749 | 4,951 | 3,173 | 82,355 |
| 1980-81 | 4,071 | 5,854 | 7,255 | 6,868 | 9,493 | 9,398 | 9,62[illegible] | 7,413 | 5,421 | 3,700 | 4,329 | 4,382 | 77,813 |

Source: Orange Administrative Committee

TABLE 10

COMMERCIAL FRESH SHIPMENTS, BY MONTHS
For Florida and Texas Oranges
(1971-72 to 1980-81)

| Season | Nov. | Dec. | Jan. | Feb. | March | April | May | June | July | Aug. | Sept. | Oct. | Total Nov.-Oct. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,000 Cartons | | | | | | | | | | | | |
| 1971-72 | 3,828 | 5,562 | 4,173 | 3,873 | 3,027 | 2,417 | 1,989 | 1,218 | 428 | 90 | 119 | 1,463 | 28,187 |
| 1972-73 | 2,580 | 4,855 | 3,018 | 2,888 | 3,261 | 2,940 | 2,654 | 1,707 | 624 | 210 | 128 | 1,180 | 26,045 |
| 1973-74 | 3,404 | 4,539 | 2,389 | 2,190 | 2,004 | 2,122 | 2,154 | 1,127 | 515 | 84 | 437 | 2,393 | 23,358 |
| 1974-75 | 3,349 | 5,046 | 2,572 | 2,593 | 2,573 | 3,392 | 2,643 | 1,152 | 437 | 75 | 438 | 2,537 | 26,807 |
| 1975-76 | 2,750 | 5,587 | 2,455 | 2,594 | 2,789 | 3,020 | 2,283 | 1,275 | 417 | 67 | 55 | 1,676 | 24,968 |
| 1976-77 | 3,371 | 5,939 | 2,322 | 1,776 | 2,291 | 1,739 | 1,374 | 397 | 98 | 28 | 55 | 1,090 | 20,481 |
| 1977-78 | 3,234 | 5,416 | 2,359 | 2,380 | 2,504 | 2,301 | 1,780 | 1,013 | 292 | 145 | 63 | 885 | 22,372 |
| 1978-79 | 3,175 | 5,447 | 2,329 | 2,329 | 2,394 | 2,582 | 2,651 | 1,347 | 456 | 103 | 7 | 902 | 23,722 |
| 1979-80 | 3,313 | 5,160 | 2,397 | 2,844 | 2,677 | 2,376 | 2,062 | 916 | 349 | 64 | 36 | 904 | 23,098 |
| 1980-81 | 3,355 | 5,864 | 1,958 | 2,008 | 1,842 | 1,317 | 1,081 | 484 | 88 | 30 | 9 | 625 | 18,661 |

Note: Years prior to 1972-73 include Temples, Tangelos and K-Early
Source: USDA, Federal-State Market News Service; Florida Agricultural Statistics - Citrus Summary

TABLE 11

CALIFORNIA-ARIZONA NAVELS
Weekly Shipments
(1980-81 Season)

| Week Through | Central | | Southern | | Desert | | Total | |
|---|---|---|---|---|---|---|---|---|
| | Fresh | Products | Fresh | Products | Fresh | Products | Fresh | Products |
| | Carloads of 1,000 cartons each | | | | | | | |
| Oct. 30, 1980 | 10 | - | - | - | 17 | 6 | 27 | 6 |
| Nov. 6 | 154 | 46 | - | - | 98 | 22 | 252 | 68 |
| 13 | 465 | 117 | - | - | 150 | 29 | 615 | 146 |
| 20 | 843 | 252 | 1 | - | 151 | 43 | 995 | 395 |
| 27 | 1,136 | 446 | 6 | 4 | 138 | 31 | 1,280 | 481 |
| Dec. 4 | 1,364 | 550 | 11 | 8 | 92 | 29 | 1,467 | 587 |
| 11 | 1,577 | 469 | 25 | 13 | 84 | 21 | 1,686 | 503 |
| 18 | 1,637 | 430 | 61 | 36 | 87 | 11 | 1,785 | 477 |
| 25 | 741 | 281 | 73 | 36 | 33 | 5 | 847 | 322 |
| Jan. 1, 1981 | 690 | 214 | 84 | 50 | 26 | 2 | 800 | 266 |
| 8 | 1,140 | 350 | 155 | 77 | 32 | 7 | 1,327 | 434 |
| 15 | 1,688 | 493 | 178 | 86 | 31 | 8 | 1,897 | 587 |
| 22 | 1,667 | 596 | 231 | 126 | 22 | 6 | 1,920 | 728 |
| 29 | 1,335 | 406 | 205 | 97 | 15 | 2 | 1,555 | 505 |
| Feb. 5 | 1,239 | 439 | 215 | 96 | 10 | 1 | 1,464 | 536 |
| 12 | 1,462 | 551 | 234 | 118 | 2 | 1 | 1,698 | 670 |
| 19 | 1,499 | 674 | 254 | 172 | 1 | - | 1,754 | 846 |
| 26 | 1,466 | 842 | 262 | 187 | - | 1 | 1,728 | 1,030 |
| Mar. 5 | 1,453 | 802 | 272 | 124 | 3 | 1 | 1,728 | 927 |
| 12 | 1,720 | 975 | 277 | 147 | - | 1 | 1,997 | 1,123 |
| 19 | 1,702 | 1,076 | 387 | 262 | 1 | - | 2,090 | 1,338 |
| 26 | 1,680 | 923 | 381 | 231 | - | - | 2,061 | 1,154 |
| Apr. 2 | 1,782 | 1,177 | 362 | 190 | - | - | 2,144 | 1,367 |
| 9 | 1,859 | 1,386 | 287 | 170 | - | - | 2,146 | 1,556 |
| 16 | 1,709 | 1,272 | 234 | 148 | - | - | 1,943 | 1,420 |
| 23 | 1,483 | 1,233 | 139 | 97 | - | - | 1,622 | 1,330 |
| 30 | 1,483 | 1,314 | 81 | 80 | - | - | 1,564 | 1,394 |
| May 7 | 1,542 | 1,256 | 51 | 52 | - | - | 1,593 | 1,308 |
| 14 | 1,656 | 1,217 | 15 | 20 | - | - | 1,671 | 1,237 |
| 21 | 1,543 | 1,165 | 3 | 3 | - | - | 1,546 | 1,168 |
| 28 | 1,198 | 863 | 1 | 1 | - | - | 1,199 | 864 |
| June 4 | 1,177 | 1,087 | 1 | 1 | - | - | 1,178 | 1,088 |
| 11 | 879 | 857 | 1 | 1 | - | - | 880 | 858 |
| 18 | 645 | 799 | 1 | - | - | - | 646 | 799 |
| 25 | 377 | 456 | 1 | - | - | - | 378 | 456 |
| July 2 | 182 | 298 | - | - | - | - | 182 | 298 |
| 9 | 66 | 122 | - | - | - | - | 66 | 122 |
| 16 | 42 | 98 | - | - | - | - | 42 | 98 |
| 23 | 24 | 47 | - | - | - | - | 24 | 47 |
| 30 | 7 | 33 | - | - | - | - | 7 | 33 |
| Aug. 6 | 7 | 45 | - | - | - | - | 7 | 45 |
| 13 | - | 7 | - | - | - | - | - | 7 |
| 20 | - | 6 | - | - | - | - | - | 6 |
| 27 | - | 12 | - | - | - | - | - | 12 |
| TOTAL | 44,329 | 25,782 | 4,489 | 2,633 | 993 | 227 | 49,811 | 28,642 |

Source: Navel Orange Administrative Committee

TABLE 12

CALIFORNIA-ARIZONA VALENCIAS
Weekly Shipments
(1980-81 Season)

| Week Through | Central | | Southern | | Desert | | Total | |
|---|---|---|---|---|---|---|---|---|
| | Fresh | Products | Fresh | Products | Fresh | Products | Fresh | Products |
| | Carloads of 1,000 cartons each | | | | | | | |
| Jan. 22, 1981 | - | - | - | - | 3 | 3 | 3 | 3 |
| 29 | - | - | - | - | 16 | 4 | 16 | 4 |
| Feb. 5 | - | - | - | - | 21 | 12 | 21 | 12 |
| 12 | - | - | - | - | 32 | 11 | 32 | 11 |
| 19 | - | - | - | - | 35 | 23 | 35 | 23 |
| 26 | - | - | - | - | 49 | 14 | 49 | 14 |
| Mar. 5 | - | - | - | - | 66 | 34 | 66 | 34 |
| 12 | - | - | - | - | 73 | 42 | 73 | 42 |
| 19 | - | - | - | - | 101 | 55 | 101 | 55 |
| 26 | - | - | 1 | 4 | 230 | 119 | 231 | 123 |
| Apr. 2 | - | - | 34 | 20 | 142 | 110 | 176 | 130 |
| 9 | - | - | 48 | 43 | 244 | 166 | 292 | 209 |
| 16 | 36 | 6 | 113 | 113 | 253 | 199 | 402 | 318 |
| 23 | 18 | 3 | 126 | 120 | 204 | 201 | 348 | 324 |
| 30 | 30 | 11 | 199 | 146 | 188 | 186 | 417 | 343 |
| May 7 | 92 | 33 | 237 | 225 | 186 | 161 | 515 | 419 |
| 14 | 164 | 55 | 345 | 299 | 150 | 127 | 659 | 481 |
| 21 | 317 | 94 | 368 | 308 | 109 | 95 | 794 | 497 |
| 28 | 341 | 96 | 385 | 367 | 58 | 52 | 784 | 515 |
| June 4 | 386 | 149 | 413 | 413 | 47 | 43 | 846 | 605 |
| 11 | 462 | 190 | 442 | 453 | 26 | 15 | 930 | 658 |
| 18 | 606 | 315 | 457 | 441 | 18 | 12 | 1,081 | 768 |
| 25 | 830 | 391 | 430 | 474 | 16 | 7 | 1,276 | 872 |
| July 2 | 811 | 446 | 478 | 476 | 20 | 10 | 1,309 | 932 |
| 9 | 791 | 494 | 357 | 424 | 1 | - | 1,149 | 918 |
| 16 | 849 | 614 | 471 | 553 | 5 | 11 | 1,325 | 1,178 |
| 23 | 843 | 649 | 423 | 600 | 3 | - | 1,269 | 1,249 |
| 30 | 597 | 458 | 391 | 613 | - | - | 988 | 1,071 |
| Aug. 6 | 445 | 453 | 413 | 593 | - | - | 858 | 1,046 |
| 13 | 438 | 407 | 397 | 614 | - | - | 835 | 1,021 |
| 20 | 408 | 393 | 428 | 694 | - | - | 836 | 1,087 |
| 27 | 422 | 380 | 342 | 698 | - | - | 764 | 1,078 |
| Sept. 3 | 490 | 353 | 427 | 674 | - | - | 917 | 1,027 |
| 10 | 563 | 494 | 325 | 557 | - | - | 888 | 1,051 |
| 17 | 698 | 560 | 404 | 647 | - | - | 1,102 | 1,207 |
| 24 | 656 | 589 | 384 | 657 | - | - | 1,040 | 1,246 |
| Oct. 1 | 679 | 752 | 379 | 654 | - | - | 1,058 | 1,406 |
| 8 | 551 | 678 | 391 | 623 | - | - | 942 | 1,301 |
| 15 | 517 | 762 | 404 | 675 | - | - | 921 | 1,437 |
| 22 | 597 | 741 | 426 | 634 | - | - | 1,023 | 1,375 |
| 29 | 433 | 595 | 341 | 569 | - | - | 774 | 1,164 |
| Nov. 5 | 233 | 168 | 214 | 322 | - | - | 447 | 490 |
| 12 | 99 | 182 | 78 | 225 | - | - | 177 | 407 |
| 19 | 59 | 82 | 52 | 168 | - | - | 111 | 250 |
| 26 | 30 | 90 | 32 | 160 | - | - | 62 | 250 |
| Dec. 3 | 19 | 28 | 18 | 25 | - | - | 37 | 53 |
| 10 | 10 | 47 | 4 | 30 | - | - | 14 | 77 |
| 17 | 4 | 43 | 3 | 9 | - | - | 7 | 52 |
| 24 | - | 15 | 1 | 1 | - | - | 1 | 16 |
| TOTAL | 14,524 | 11,816 | 11,181 | 15,321 | 2,296 | 1,712 | 28,001 | 28,849 |

SOURCE: Valencia Orange Administrative Committee

TABLE 13

UTILIZATION AND AVERAGE ON-TREE PRICES
For California-Arizona Oranges
(1971-72 to 1980-81)

| Season | Navels & Miscellaneous | | | | | | Valencias | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Utilization | | | On-Tree Prices | | | Utilization | | | On-Tree Prices | | |
| | Fresh | Products | Total | Fresh | Products | Total | Fresh | Products | Total | Fresh | Products | Total |
| | Million Cartons | | | Dollars Per Carton | | | Million Cartons | | | Dollars Per Carton | | |
| 1971-72 | 34.5 | 11.9 | 46.4 | 1.50 | -0.18 | 1.07 | 24.4 | 25.8 | 50.2 | 1.28 | 0.18 | 0.71 |
| 1972-73 | 26.4 | 13.1 | 39.5 | 2.14 | -0.30 | 1.33 | 27.5 | 27.3 | 54.8 | 1.83 | 0.18 | 1.01 |
| 1973-74 | 35.5 | 9.2 | 44.7 | 1.92 | -0.43 | 1.44 | 27.3 | 15.6 | 42.9 | 1.80 | 0.00 | 1.15 |
| 1974-75 | 42.0 | 15.8 | 57.8 | 1.84 | -0.53 | 1.19 | 35.1 | 27.2 | 62.3 | 1.57 | -0.08 | 0.85 |
| 1975-76 | 42.4 | 15.7 | 58.1 | 1.54 | -0.44 | 1.00 | 28.5 | 24.4 | 52.9 | 1.45 | -0.05 | 0.76 |
| 1976-77 | 39.8 | 13.0 | 52.8 | 1.79 | -0.49 | 1.23 | 30.0 | 15.7 | 45.7 | 1.92 | -0.17 | 1.19 |
| 1977-78 | 31.8 | 9.8 | 41.6 | 3.25 | -0.40 | 2.38 | 31.1 | 19.7 | 50.8 | 3.36 | 0.40 | 2.21 |
| 1978-79 | 29.8 | 13.2 | 43.0 | 4.01 | -0.15 | 2.73 | 23.1 | 14.3 | 37.4 | 3.41 | 0.53 | 2.31 |
| 1979-80 | 44.7 | 22.2 | 66.9 | 2.01 | -0.19 | 1.28 | 38.7 | 20.2 | 58.9 | 1.64 | 0.13 | 1.12 |
| 1980-81 | 50.2 | 29.1 | 79.3 | 2.37 | -1.16 | 1.28 | 30.5 | 27.9 | 58.4 | 2.80 | 0.32 | 1.61 |

Source: USDA, Crop Reporting Board - Citrus Fruits By States; Agricultural Prices

TABLE 14

UTILIZATION AND AVERAGE ON-TREE PRICES
For Florida and Texas Oranges
(1971-72 to 1980-81)

| | Florida | | | | | | Texas | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Utilization | | | On-Tree Prices | | | Utilization | | | On-Tree Prices | | |
| | Fresh | Products | Total | Fresh | Products | Total | Fresh | Products | Total | Fresh | Products | Total |
| | Million Cartons | | | Dollars per Carton | | | Million Cartons | | | Dollars per Carton | | |
| 1971-72 | 22.5 | 251.5 | 274.0 | 1.25 | 1.01 | 1.02 | 5.5 | 6.8 | 12.3 | 0.87 | 0.69 | 0.77 |
| 1972-73 | 24.4 | 315.0 | 339.4 | 0.93 | 0.77 | 0.78 | 6.4 | 9.2 | 15.6 | 0.67 | 0.50 | 0.57 |
| 1973-74 | 22.2 | 309.4 | 331.6 | 1.05 | 0.72 | 0.74 | 4.8 | 8.4 | 13.2 | 0.64 | 0.52 | 0.57 |
| 1974-75 | 26.8 | 319.8 | 346.6 | 1.06 | 0.79 | 0.81 | 4.8 | 4.3 | 9.1 | 0.94 | 0.50 | 0.73 |
| 1975-76 | 23.5 | 338.9 | 362.4 | 1.13 | 0.87 | 0.89 | 6.2 | 6.0 | 12.2 | 0.81 | 0.64 | 0.73 |
| 1976-77 | 17.8 | 355.8 | 373.6 | 1.10 | 1.09 | 1.09 | 6.8 | 7.0 | 13.8 | 1.03 | 0.86 | 0.95 |
| 1977-78 | 19.9 | 315.7 | 335.6 | 2.43 | 2.05 | 2.07 | 6.3 | 5.9 | 12.2 | 1.67 | 1.71 | 1.69 |
| 1978-79 | 23.4 | 304.6 | 328.0 | 2.68 | 2.31 | 2.33 | 4.2 | 8.6 | 12.8 | 1.94 | 1.55 | 1.68 |
| 1979-80 | 22.0 | 391.4 | 413.4 | 2.08 | 1.85 | 1.86 | 4.2 | 3.9 | 8.1 | 2.34 | 1.65 | 2.00 |
| 1980-81 | 16.6 | 328.2 | 344.8 | 2.90 | 2.20 | 2.23 | 5.7 | 3.0 | 8.7 | 2.07 | 1.54 | 1.88 |

Source: USDA, Crop Reporting Board - Citrus Fruits by States; Agricultural Prices.
Florida Agricultural Statistics.

TABLE 15

FRESH SHIPMENTS, F.O.B. PRICE AND AVERAGE SIZE
For California-Arizona Oranges
(1971-72 to 1980-81)

| Nov.-April | Navels & Miscellaneous | | | May-Oct. | Valencias | | |
|---|---|---|---|---|---|---|---|
| | Commercial Fresh Shipments | F.O.B. Price | Average Size | | Commercial Fresh Shipments | F.O.B. Price | Average Size |
| | Million Cartons | Dollars Per Ctn. | Oranges Per Ctn. | | Million Cartons | Dollars Per Ctn. | Oranges Per Ctn. |
| 1971-72 | 28.2 | 3.13 | 98 | 1972 | 21.6 | 2.94 | 108 |
| 1972-73 | 25.8 | 3.61 | 85 | 1973 | 21.4 | 3.37 | 110 |
| 1973-74 | 33.7 | 3.68 | 82 | 1974 | 24.0 | 3.69 | 96 |
| 1974-75 | 37.9 | 3.73 | 89 | 1975 | 30.4 | 3.53 | 107 |
| 1975-76 | 34.8 | 3.63 | 92 | 1976 | 26.1 | 3.55 | 103 |
| 1976-77 | 37.1 | 3.89 | 89 | 1977 | 27.2 | 4.52 | 97 |
| 1977-78 | 31.0 | 5.61 | 89 | 1978 | 24.9 | 6.03 | 109 |
| 1978-79 | 28.3 | 7.11 | 88 | 1979 | 20.3 | 6.97 | 94 |
| 1979-80 | 40.2 | 5.07 | 81 | 1980 | 33.6 | 5.12 | 95 |
| 1980-81 | 40.3 | 5.41 | 102 | 1981 | 25.0 | 6.47 | 106 |

Source: Orange Administrative Committee; Sunkist Growers, Inc.

TABLE 16

COST OF PRODUCING AND MARKETING CALIFORNIA-ARIZONA PACKED ORANGES
(1971-72 to 1980-81)

| Season | Production | Bearing Acreage | Cartons Per Acre | Cultural Cost | Picking and Hauling | Packing | Selling and Advertising | Trans. to New York |
|---|---|---|---|---|---|---|---|---|
| | 1,000 Cartons | Acres | Cartons | Dollars Per Packed Equivalent Carton | | | | |
| 1971-72 | 96,600 | 204,697 | 472 | 1.35 | 0.51 | 0.80 | 0.30 | 1.18 |
| 1972-73 | 94,320 | 212,893 | 443 | 1.55 | 0.39 | 0.87 | 0.28 | 1.20 |
| 1973-74 | 87,620 | 217,724 | 402 | NA | 0.37 | 0.98 | 0.30 | 1.38 |
| 1974-75 | 119,940 | 219,867 | 546 | NA | 0.47 | 1.09 | 0.28 | 1.53 |
| 1975-76 | 110,960 | 218,686 | 507 | NA | 0.52 | 1.14 | 0.33 | 1.49 |
| 1976-77 | 98,500 | 213,458(a) | 461 | 2.27 | 0.55 | 1.25 | 0.36 | 1.49 |
| 1977-78 | 92,440 | 204,192 | 453 | NA | 0.59 | 1.31 | 0.31 | 1.60 |
| 1978-79 | 80,400 | 199,609 | 403 | 3.28 | 0.65 | 1.42 | 0.27 | 1.75 |
| 1979-80 | 125,800 | 201,455 | 624 | 2.27 | 0.71 | 1.56 | 0.34 | 1.88 |
| 1980-81(P) | 137,700 | 195,964 | 703 | 3.12 | 0.79 | 1.66 | 0.38 | 1.72 |

(a): No Arizona Acreage survey for 1976-77 Season.
NA: Not Available.
P: Dollars Preliminary
Source: USDA, Crop Reporting Board - Citrus Fruits by States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; California-Arizona Citrus League; Sunkist Growers, Inc.; UCR; UAT.

TABLE 17

AUCTION SALES AND DELIVERED AVERAGE PRICE
For California-Arizona Oranges
(1971-72 to 1980-81)

| Season | Navels & Miscellaneous | | Valencias | | Total Oranges | |
|---|---|---|---|---|---|---|
| | Volume Sold | Delivered Average | Volume Sold | Delivered Average | Volume Sold | Delivered Average |
| | 1,000 Cartons | Dollars Per Carton | 1,000 Cartons | Dollars Per Carton | 1,000 Cartons | Dollars Per Carton |
| 1971-72 | 3,023 | 3.95 | 2,215 | 3.58 | 5,238 | 3.79 |
| 1972-73 | 1,802 | 4.23 | 2,785 | 4.12 | 4,587 | 4.16 |
| 1973-74 | 1,951 | 4.75 | 1,789 | 4.57 | 3,740 | 4.66 |
| 1974-75 | 2,742 | 4.69 | 2,549 | 4.54 | 5,291 | 4.62 |
| 1975-76 | 2,568 | 4.36 | 1,507 | 4.72 | 4,075 | 4.49 |
| 1976-77 | 1,568 | 5.02 | 1,554 | 5.76 | 3,122 | 5.39 |
| 1977-78 | 1,097 | 6.50 | 1,838 | 6.71 | 2,935 | 6.63 |
| 1978-79 | 951 | 8.13 | 1,302 | 7.14 | 2,253 | 7.56 |
| 1979-80 | 1,216 | 5.93 | 1,013 | 6.41 | 2,229 | 6.15 |
| 1980-81 | 1,155 | 6.33 | 1,038 | 6.59 | 2,193 | 6.45 |

Source: Sunkist Growers, Inc.

TABLE 18

SIZE PERCENTAGE OF DOMESTIC SHIPMENTS
For California-Arizona Oranges
(1980-81)

| Size | Central | | South | | Desert | |
|---|---|---|---|---|---|---|
| | Navels | Valencias | Navels | Valencias | Navels | Valencias |
| | Percent | | | | | |
| 40's & Larger | 0.16 | 0.08 | 0.13 | 0.10 | 0.19 | 0.14 |
| 48 | 0.62 | 0.58 | 0.88 | 0.71 | 0.96 | 1.10 |
| 56 | 3.95 | 3.49 | 5.02 | 5.40 | 5.48 | 10.99 |
| 72 | 13.27 | 8.89 | 14.49 | 13.83 | 12.85 | 14.06 |
| 88 | 29.08 | 21.70 | 26.87 | 25.08 | 28.09 | 25.65 |
| 113 | 34.45 | 35.84 | 27.06 | 30.50 | 31.41 | 27.78 |
| 138 | 18.29 | 28.26 | 25.39 | 22.02 | 18.29 | 17.53 |
| 163 | 0.18 | 1.16 | 0.16 | 2.36 | 2.51 | 2.75 |
| 180 | - | - | - | - | 0.22 | - |
| 210's & Smaller | - | - | - | - | - | - |
| Avg. Size | 102 | 109 | 103 | 104 | 103 | 99 |

Source: Navel & Valencia Orange Administrative Committees

TABLE 19

PRODUCTION OF TANGERINES IN SPECIFIED COUNTRIES
(1976-77 to 1980-81)

| Countries | 1976-77 | 1977-78 | 1978-79 | 1979-80 | 1980-81 |
|---|---|---|---|---|---|
| | 1,000 Cartons (37.5 lbs.) | | | | |
| United States | 31,440 | 33,700 | 32,100 | 43,000 | 30,320 |
| Argentina | 14,700 | 14,994 | 13,171 | 12,054 | 12,642 |
| Australia | 1,646 | 1,882 | 1,646 | 1,705 | 1,646 |
| Brazil | 33,340 | 20,639 | 27,342 | 27,577 | 27,636 |
| Greece | 1,999 | 1,529 | 1,529 | 1,470 | 1,940 |
| Italy | 21,050 | 20,698 | 19,992 | 19,051 | 20,580 |
| Japan | 209,328 | 221,500 | 192,746 | 230,202 | 187,807 |
| Mexico | 8,291 | 6,174 | 6,938 | 10,584 | 7,056 |
| Morocco | 11,760 | 14,700 | 13,700 | 15,700 | 15,876 |
| Spain | 40,278 | 46,805 | 53,567 | 50,980 | 51,744 |
| Taiwan | 13,171 | 14,112 | NA | NA | NA |
| Turkey | 7,409 | 7,938 | 8,820 | 9,114 | 8,232 |
| U.A.R. (Egypt) | 4,998 | 4,469 | 4,998 | 5,762 | 6,468 |
| All Others | 2,352 | 3,116 | 7,703 | 9,055 | 9,526 |
| Total | 401,762 | 412,256 | 384,252 | 436,254 | 381,473 |

NA: Not Available

Source: USDA, FAS - Foreign Agriculture Circular
Crop Reporting Board - Citrus Fruits by States.
Florida Agricultural Statistics - Citrus Summary

TABLE 20

PRODUCTION AND UTILIZATION OF TANGERINES BY STATES
(1971-72 to 1980-81)

| | California-Arizona | | | Florida | | | Total United States | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | Fresh | Fresh | Total | Fresh | Fresh | Total | Fresh | Fresh |
| | 1,000 Cartons | | % | 1,000 Cartons | | % | 1,000 Cartons | | % |
| 1971-72 | 3,660 | 2,286 | 62 | 27,400 | 12,896 | 47 | 31,060 | 15,182 | 49 |
| 1972-73 | 4,260 | 2,436 | 57 | 24,200 | 12,886 | 53 | 28,460 | 15,322 | 54 |
| 1973-74 | 4,080 | 2,830 | 69 | 26,600 | 12,686 | 48 | 30,680 | 15,516 | 51 |
| 1974-75 | 4,300 | 2,820 | 66 | 29,500 | 14,992 | 51 | 33,800 | 17,812 | 53 |
| 1975-76 | 3,920 | 2,540 | 65 | 32,900 | 16,516 | 50 | 36,820 | 19,056 | 52 |
| 1976-77 | 4,940 | 3,400 | 69 | 26,500 | 12,278 | 46 | 31,440 | 15,678 | 50 |
| 1977-78 | 4,000 | 2,460 | 62 | 29,700 | 13,582 | 46 | 33,700 | 16,042 | 48 |
| 1978-79 | 3,800 | 2,400 | 63 | 28,300 | 13,510 | 48 | 32,100 | 15,910 | 50 |
| 1979-80 | 4,800 | 2,450 | 51 | 38,200 | 16,798 | 44 | 43,000 | 19,248 | 45 |
| 1980-81(P) | 5,120 | 2,320 | 45 | 25,200 | 10,682 | 42 | 30,320 | 13,002 | 43 |

Includes: Temples, Royal Mandarins, Tangelos, Tangors and Honey Tangerines
(P) - Preliminary
Source: USDA, Crop Reporting Board - Citrus Fruits by States
Florida Agricultural Statistics - Citrus Summary
Florida Citrus Mutual - Annual Statistical Report

TABLE 21

BEARING ACREAGE AND PRODUCTION OF TANGERINES BY STATES
(1971-72 to 1980-81)

| Season | California-Arizona | | Florida | | Total United States | |
|---|---|---|---|---|---|---|
| | Bearing Acreage | Production | Bearing Acreage | Production | Bearing Acreage | Production |
| | 1,000 Acres | 1,000 Cartons | 1,000 Acres | 1,000 Cartons | 1,000 Acres | 1,000 Cartons |
| 1971-72 | 14.5 | 3,660 | 71.1 | 27,400 | 85.6 | 31,060 |
| 1972-73 | 14.9 | 4,260 | 70.4 | 24,200 | 85.3 | 28,460 |
| 1973-74 | 16.1 | 4,080 | 69.0 | 26,600 | 85.1 | 30,680 |
| 1974-75 | 18.7 | 4,300 | 69.3 | 29,500 | 88.0 | 33,800 |
| 1975-76 | 17.5 | 3,920 | 65.8 | 32,900 | 83.3 | 36,820 |
| 1976-77(a) | 16.3 | 4,940 | 65.1 | 26,500 | 81.4 | 31,440 |
| 1977-78 | 13.6 | 4,000 | 61.7 | 29,700 | 75.3 | 33,700 |
| 1978-79 | 12.0 | 3,800 | 59.3 | 28,300 | 71.3 | 32,100 |
| 1979-80 | 11.7 | 4,800 | 58.9 | 38,200 | 70.6 | 43,000 |
| 1980-81 | 11.5 | 5,120 | 57.5 | 25,200 | 69.0 | 30,320 |

Includes Temples, Royal Mandarins, Tangelos, Tangors and Honey Tangerines
(a): No Arizona Acreage survey for 1976-77 Season. Used the latest data available.
Source: USDA, Crop Reporting Board - Citrus Fruits by States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; Florida Agricultural Statistics - Citrus Summary.

TABLE 22

PRODUCTION OF LEMONS IN SPECIFIED COUNTRIES
(1976-77 to 1980-81)

| Country | 1976-77 | 1977-78 | 1978-79 | 1979-80 | 1980-81 |
|---|---|---|---|---|---|
| | 1,000 Cartons (38 lbs.) | | | | |
| United States | 52,780 | 53,600 | 41,700 | 44,500 | 66,000 |
| Argentina | 18,570 | 16,247 | 17,466 | 22,978 | 23,791 |
| Australia | 2,147 | 2,785 | 2,263 | 2,727 | 2,379 |
| Brazil | 21,528 | 21,064 | 21,296 | NA | NA |
| Chile | 3,772 | 4,004 | 4,294 | 3,656 | 4,062 |
| Cyprus | 1,741 | 1,741 | 1,857 | 1,857 | 1,741 |
| Greece | 11,025 | 11,257 | 7,776 | 8,356 | 10,445 |
| Israel | 2,147 | 1,741 | 2,669 | 3,017 | 2,321 |
| Italy | 45,957 | 46,479 | 44,622 | 44,506 | 42,069 |
| Spain | 12,766 | 18,162 | 14,391 | 18,394 | 17,408 |
| South Africa | 1,451 | 1,973 | 1,973 | 2,147 | 2,495 |
| Turkey | 16,131 | 14,507 | 9,864 | 12,766 | 9,284 |
| All Others | 174 | 812 | 5,454 | 5,919 | 5,280 |
| Total | 190,189 | 194,372 | 175,625 | 170,823 | 187,275 |

NA: Not Available
Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular.
Crop Reporting Board - Citrus Fruits by States;
Florida Agricultural Statistics - Florida Citrus.

TABLE 23

PRODUCTION AND UTILIZATION OF CALIFORNIA AND ARIZONA LEMONS
(1971-72 to 1980-81)

| Season | California | | | Arizona | | | Total California-Arizona | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | Fresh | Fresh | Total | Fresh | Fresh | Total | Fresh | Fresh |
| | Million Cartons | | % | Million Cartons | | % | Million Cartons | | % |
| 1971-72 | 27.2 | 16.6 | 61 | 6.2 | 2.6 | 42 | 33.4 | 19.2 | 57 |
| 1972-73 | 35.2 | 18.3 | 52 | 9.2 | 3.7 | 40 | 44.4 | 22.0 | 50 |
| 1973-74 | 29.8 | 18.8 | 63 | 5.8 | 3.5 | 60 | 35.6 | 22.3 | 63 |
| 1974-75 | 44.4 | 19.2 | 43 | 14.4 | 3.8 | 26 | 58.8 | 23.0 | 39 |
| 1975-76 | 30.4 | 19.1 | 63 | 4.8 | 2.8 | 58 | 35.2 | 21.9 | 62 |
| 1976-77 | 42.0 | 22.0 | 52 | 10.0 | 4.2 | 42 | 52.0 | 26.2 | 50 |
| 1977-78 | 40.6 | 19.8 | 49 | 11.6 | 4.6 | 40 | 52.2 | 24.4 | 47 |
| 1978-79 | 28.2 | 18.3 | 65 | 11.0 | 5.6 | 51 | 39.2 | 23.9 | 61 |
| 1979-80 | 35.4 | 18.2 | 52 | 6.1 | 3.2 | 52 | 41.5 | 21.4 | 52 |
| 1980-81 | 49.6 | 18.3 | 37 | 14.0 | 4.5 | 32 | 63.6 | 22.8 | 36 |

Source: USDA, Crop Reporting Board, Citrus Fruits by States

TABLE 24

BEARING AND NON-BEARING ACREAGE OF CALIFORNIA AND ARIZONA LEMONS
(1971-72 to 1980-81)

| Season | California | | | Arizona | | | Total California-Arizona | | |
|---|---|---|---|---|---|---|---|---|---|
| | Bearing | Non-Bearing | Total | Bearing | Non-Bearing | Total | Bearing | Non-Bearing | Total |
| | 1,000 Acres | | | | | | | | |
| 1971-72 | 39.1 | 17.7 | 56.8 | 12.9 | 7.2 | 20.1 | 52.0 | 24.9 | 76.9 |
| 1972-73 | 41.1 | 18.7 | 59.8 | 14.5 | 7.5 | 22.0 | 55.6 | 26.2 | 81.8 |
| 1973-74 | 44.7 | 17.0 | 61.7 | 19.9 | 8.9 | 28.8 | 64.6 | 25.9 | 90.5 |
| 1974-75 | 44.4 | 16.5 | 60.9 | 20.5 | 8.2 | 28.7 | 64.9 | 24.7 | 89.6 |
| 1975-76 | 47.4 | 17.8 | 65.2 | 20.3 | 8.3 | 28.6 | 67.7 | 26.1 | 93.8 |
| 1976-77(a) | 47.9 | 16.6 | 64.5 | 20.3 | 6.7 | 27.0 | 68.2 | 23.3 | 91.5 |
| 1977-78 | 47.0 | 14.3 | 61.3 | 20.9 | 2.3 | 23.2 | 67.9 | 16.6 | 84.5 |
| 1978-79 | 50.3 | 9.6 | 59.9 | 18.6 | 0.2 | 18.8 | 68.9 | 9.8 | 78.7 |
| 1979-80 | 49.8 | 7.7 | 57.5 | 20.3 | 0.1 | 20.4 | 70.1 | 7.8 | 77.9 |
| 1980-81 | 52.3 | 5.7 | 58.0 | 19.2 | 0.3 | 19.5 | 71.5 | 6.0 | 77.5 |

(a): No Arizona Acreage survey for 1976-77 Season. Used the latest data available.
Source: California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service. Starting 1973-74 Arizona non-bearing acreage taken from the Lemon Administrative Committee January 1, surveys.

TABLE 25

FRESH SHIPMENTS, F.O.B. PRICE AND AVERAGE SIZE
For California-Arizona Lemons
(1971-72 to 1980-81)

| Nov.-Apr. | Winter Lemons | | | May-Oct. | Summer Lemons | | | All Lemons |
|---|---|---|---|---|---|---|---|---|
| | Commercial Fresh Shipments | F.O.B. Price | Average Size | | Commercial Fresh Shipments | F.O.B. Price | Average Size | Average Size |
| | Million Cartons | Dollars Per Ctn. | Lemons Per Ctn. | | Million Cartons | Dollars Per Ctn. | Lemons Per Ctn. | Lemons Per Ctn. |
| 1971-72 | 8.7 | 4.82 | 154 | 1972 | 11.4 | 5.00 | 157 | 156 |
| 1972-73 | 10.0 | 4.73 | 148 | 1973 | 12.1 | 5.79 | 147 | 148 |
| 1973-74 | 9.4 | 5.73 | 143 | 1974 | 13.0 | 5.91 | 149 | 147 |
| 1974-75 | 10.1 | 4.97 | 147 | 1975 | 11.9 | 7.23 | 146 | 147 |
| 1975-76 | 9.4 | 6.25 | 149 | 1976 | 13.9 | 5.05 | 147 | 148 |
| 1976-77 | 11.2 | 4.53 | 143 | 1977 | 14.6 | 5.65 | 145 | 144 |
| 1977-78 | 11.5 | 5.11 | 141 | 1978 | 13.3 | 8.48 | 143 | 142 |
| 1978-79 | 11.9 | 6.56 | 141 | 1979 | 9.6 | 14.12 | 139 | 140 |
| 1979-80 | 10.4 | 7.49 | 136 | 1980 | 11.4 | 9.33 | 139 | 137 |
| 1980-81 | 11.5 | 6.16 | 140 | 1981 | 11.3 | 9.10 | 142 | 141 |

Source: Lemon Administrative Committee; Sunkist Growers, Inc.

TABLE 26

COST OF PRODUCING AND MARKETING CALIFORNIA-ARIZONA PACKED LEMONS
(1971-72 to 1980-81)

| Season | Production | Bearing Acreage | Cartons Per Acre | Cultural Cost | Picking and Hauling | Packing | Selling and Advertising | Trans. to New York |
|---|---|---|---|---|---|---|---|---|
| | 1,000 Cartons | Acres | Cartons | Dollars Per Packed Equivalent Carton | | | | |
| 1971-72 | 33,360 | 52,008 | 641 | 1.14 | 0.62 | 1.13 | 0.32 | 1.20 |
| 1972-73 | 44,400 | 55,544 | 799 | 0.96 | 0.70 | 1.21 | 0.31 | 1.23 |
| 1973-74 | 35,600 | 64,529 | 552 | NA | 0.74 | 1.30 | 0.38 | 1.40 |
| 1974-75 | 58,800 | 64,902 | 906 | NA | 0.83 | 1.59 | 0.31 | 1.55 |
| 1975-76 | 35,240 | 67,754 | 520 | NA | 0.92 | 1.70 | 0.33 | 1.51 |
| 1976-77 | 52,000 | 68,261(a) | 762 | 1.84 | 1.00 | 1.77 | 0.37 | 1.51 |
| 1977-78 | 52,200 | 67,854 | 769 | NA | 1.16 | 2.04 | 0.32 | 1.62 |
| 1978-79 | 39,200 | 68,898 | 569 | 3.02 | 1.22 | 2.23 | 0.27 | 1.76 |
| 1979-80 | 41,500 | 70,014 | 593 | 3.07 | 1.25 | 2.28 | 0.37 | 1.88 |
| 1980-81(P) | 63,600 | 71,429 | 890 | 3.12 | 1.38 | 2.62 | 0.42 | 1.72 |

(a): No Arizona Acreage survey for 1976-77 Season.
NA: Not available.
P: Dollars prelimary.
Source: USDA, Crop Reporting Board - Citrus Fruits By States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; California - Arizona Citrus League; Sunkist Growers, Inc.; UCR; UAT.

TABLE 27
UTILIZATION AND AVERAGE ON-TREE PRICES
For California - Arizona Lemons
(1971-72 to 1980-81)

| Season | California | | | | | | Arizona | | | | | | Total California-Arizona | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Utilization | | | On-Tree Prices | | | Utilization | | | On-Tree Prices | | | Utilization | | | On-Tree Prices | | |
| | Fresh | Prod. | Total | Fresh | Prod. | Total | Fresh | Prod. | Total | Fresh | Prod. | Total | Fresh | Prod. | Total | Fresh | Prod. | Total |
| | 1,000 Cartons | | | Dollars Per Carton | | | 1,000 Cartons | | | Dollars Per Carton | | | 1,000 Cartons | | | Dollars Per Carton | | |
| 1971-72 | 16.6 | 10.6 | 27.2 | 2.75 | 0.56 | 1.90 | 2.6 | 3.5 | 6.2 | 2.65 | 0.30 | 1.30 | 19.2 | 14.1 | 33.3 | 2.74 | 0.49 | 1.79 |
| 1972-73 | 18.3 | 16.9 | 35.2 | 2.63 | 0.36 | 1.54 | 3.7 | 5.5 | 9.2 | 2.78 | 0.38 | 1.35 | 22.0 | 22.4 | 44.4 | 2.65 | 0.36 | 1.50 |
| 1973-74 | 18.8 | 11.0 | 29.8 | 2.53 | 0.29 | 2.33 | 3.5 | 2.3 | 5.8 | 3.80 | 0.35 | 2.42 | 22.3 | 13.3 | 35.6 | 3.57 | 0.30 | 2.34 |
| 1974-75 | 19.2 | 25.2 | 44.4 | 3.22 | -0.31 | 1.22 | 3.8 | 10.6 | 14.4 | 2.65 | 0.13 | 0.80 | 23.0 | 35.8 | 58.8 | 3.12 | -0.18 | 1.11 |
| 1975-76 | 19.1 | 11.3 | 30.4 | 3.38 | -0.40 | 1.98 | 2.8 | 2.1 | 4.8 | 4.58 | -0.48 | 2.40 | 21.9 | 13.4 | 35.3 | 3.53 | -0.42 | 2.03 |
| 1976-77 | 22.0 | 20.0 | 42.0 | 2.10 | -0.48 | 0.88 | 4.2 | 5.8 | 10.0 | 2.18 | -0.48 | 0.64 | 26.2 | 25.8 | 52.0 | 2.11 | -0.48 | 0.83 |
| 1977-78 | 19.8 | 20.8 | 40.6 | 3.29 | -0.52 | 1.34 | 4.6 | 7.0 | 11.6 | 2.15 | -0.68 | 0.44 | 24.4 | 27.8 | 52.2 | 3.07 | -0.56 | 1.14 |
| 1978-79 | 18.3 | 9.9 | 28.2 | 4.72 | -0.50 | 2.89 | 5.6 | 5.4 | 11.0 | 2.17 | -0.49 | 0.87 | 23.9 | 15.3 | 39.2 | 4.12 | -0.50 | 2.32 |
| 1979-80 | 18.2 | 17.2 | 35.4 | 4.50 | 0.51 | 2.57 | 3.2 | 2.9 | 6.1 | 4.95 | -0.02 | 2.57 | 21.4 | 20.1 | 41.5 | 4.57 | 0.43 | 2.57 |
| 1980-81 | 18.3 | 31.3 | 49.6 | 3.01 | -1.01 | 0.48 | 4.5 | 9.5 | 14.0 | 2.15 | -0.12 | 0.61 | 22.8 | 40.8 | 63.6 | 2.84 | -0.80 | 0.50 |

Source: USDA, Crop Reporting Board - Citrus Fruits by States; Agricultural Prices.

TABLE 28

CALIFORNIA-ARIZONA LEMON SHIPMENTS AND PICKS, BY WEEKS
(1980-81 Season)

| Week Through | Fresh | Processed | Total | Picks |
|---|---|---|---|---|
| | Carloads of 1,000 Cartons Each | | | |
| Aug. 9, 1980 | 328 | 214 | 542 | 322 |
| 16 | 395 | 272 | 667 | 290 |
| 23 | 300 | 260 | 560 | 279 |
| 30 | 257 | 270 | 527 | 358 |
| Sept. 6 | 220 | 241 | 461 | 335 |
| 13 | 308 | 361 | 669 | 489 |
| 20 | 286 | 304 | 590 | 514 |
| 27 | 339 | 376 | 715 | 675 |
| Oct. 4 | 326 | 356 | 682 | 728 |
| 11 | 337 | 394 | 731 | 820 |
| 18 | 384 | 487 | 871 | 1,078 |
| 25 | 416 | 536 | 952 | 1,095 |
| Nov. 1 | 376 | 574 | 950 | 1,131 |
| 8 | 407 | 540 | 947 | 1,106 |
| 15 | 440 | 651 | 1,091 | 1,189 |
| 22 | 497 | 698 | 1,195 | 1,303 |
| 29 | 407 | 622 | 1,029 | 1,079 |
| Dec. 6 | 462 | 824 | 1,286 | 1,172 |
| 13 | 294 | 771 | 1,065 | 1,489 |
| 20 | 419 | 839 | 1,258 | 1,460 |
| 27 | 357 | 625 | 982 | 1,129 |
| Jan. 3, 1981 | 452 | 764 | 1,216 | 1,124 |
| 10 | 437 | 954 | 1,391 | 1,634 |
| 17 | 461 | 925 | 1,386 | 1,519 |
| 24 | 394 | 977 | 1,371 | 1,521 |
| 31 | 375 | 848 | 1,223 | 1,197 |
| Feb. 7 | 437 | 1,178 | 1,615 | 1,946 |
| 14 | 401 | 1,056 | 1,457 | 1,323 |
| 21 | 445 | 1,380 | 1,825 | 2,424 |
| 28 | 458 | 1,375 | 1,833 | 1,977 |
| Mar. 7 | 463 | 1,115 | 1,578 | 1,087 |
| 14 | 517 | 1,603 | 2,120 | 2,538 |
| 21 | 486 | 1,353 | 1,839 | 1,827 |
| 28 | 575 | 1,337 | 1,912 | 2,077 |
| Apr. 4 | 473 | 1,407 | 1,880 | 2,244 |
| 11 | 528 | 1,477 | 2,005 | 2,193 |
| 18 | 505 | 1,278 | 1,783 | 1,814 |
| 25 | 508 | 1,173 | 1,681 | 1,711 |
| May 2 | 428 | 1,210 | 1,638 | 1,901 |
| 9 | 558 | 1,245 | 1,803 | 1,700 |
| 16 | 472 | 1,036 | 1,508 | 1,593 |
| 23 | 602 | 978 | 1,580 | 1,405 |
| 30 | 520 | 887 | 1,407 | 1,158 |
| June 6 | 517 | 830 | 1,347 | 1,066 |
| 13 | 569 | 841 | 1,410 | 1,130 |
| 20 | 582 | 727 | 1,309 | 961 |
| 27 | 604 | 722 | 1,326 | 915 |
| July 4 | 524 | 554 | 1,078 | 780 |
| 11 | 521 | 475 | 996 | 685 |
| 18 | 527 | 358 | 885 | 524 |
| 25 | 489 | 278 | 767 | 390 |
| Aug. 1 | 421 | 211 | 632 | 255 |
| TOTAL | 22,804 | 40,767(a) | 63,571 | 62,660 |

(a) Includes 1,042 Carloads reported. Eliminated as rots.
Source: Lemon Administrative Committee

TABLE 29

CALIFORNIA-ARIZONA ESTIMATED LEMON STORAGE BY DISTRICTS
(1980-81 Season)

| Storage Date | District 1 Central | District 2 South | District 3 Desert | Total |
|---|---|---|---|---|
| | Carloads of 1,000 Cartons Each | | | |
| Aug. 15, 1980 | 18 | 1,873 | 29 | 1,920 |
| 30 | 11 | 1,355 | 128 | 1,494 |
| Sep. 13 | 7 | 805 | 358 | 1,170 |
| 27 | 8 | 537 | 536 | 1,081 |
| Oct. 11 | 4 | 520 | 693 | 1,217 |
| 25 | 30 | 521 | 1,002 | 1,553 |
| Nov. 8 | 80 | 537 | 1,286 | 1,903 |
| 22 | 268 | 507 | 1,283 | 2,058 |
| Dec. 6 | 457 | 474 | 1,123 | 2,054 |
| 20 | 800 | 734 | 1,219 | 2,753 |
| Jan. 3, 1981 | 745 | 979 | 1,117 | 2,841 |
| 17 | 720 | 1,437 | 1,030 | 3,187 |
| 31 | 605 | 1,629 | 1,046 | 3,280 |
| Feb. 14 | 683 | 2,151 | 701 | 3,535 |
| 28 | 1,023 | 2,710 | 508 | 4,241 |
| Mar. 14 | 1,011 | 2,957 | 192 | 4,160 |
| 28 | 775 | 3,516 | 73 | 4,364 |
| Apr. 11 | 628 | 4,244 | 55 | 4,927 |
| 25 | 548 | 4,500 | 35 | 5,083 |
| May 9 | 365 | 4,904 | 14 | 5,283 |
| 23 | 180 | 5,090 | - | 5,270 |
| Jun. 6 | 59 | 4,694 | - | 4,743 |
| 20 | 26 | 4,089 | - | 4,115 |
| Jul. 4 | 9 | 3,406 | - | 3,415 |
| 18 | 18 | 2,751 | - | 2,769 |
| Aug. 1 | 16 | 2,001 | - | 2,017 |

Source: Lemon Administrative Committee

TABLE 30

CALIFORNIA-ARIZONA LEMON SHIPMENTS, PICKS AND STORAGE, BY MONTHS
(1971-72 to 1980-81)

| Season | Nov. | Dec. | Jan. | Feb. | March | April | May | June | July | Aug. | Sept. | Oct. | Total Nov.-Oct. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,000 Cartons | | | | | | | | | | | | |
| | FRESH SHIPMENTS | | | | | | | | | | | | |
| 1971-72 | 1,407 | 1,373 | 1,354 | 1,279 | 1,628 | 1,638 | 2,055 | 2,333 | 2,387 | 1,866 | 1,488 | 1,295 | 20,103 |
| 1972-73 | 1,357 | 1,380 | 1,574 | 1,362 | 2,048 | 2,249 | 2,528 | 2,734 | 2,119 | 1,981 | 1,398 | 1,314 | 22,044 |
| 1973-74 | 1,590 | 1,606 | 1,484 | 1,219 | 1,685 | 1,868 | 2,529 | 2,665 | 2,699 | 2,261 | 1,288 | 1,548 | 22,442 |
| 1974-75 | 1,561 | 1,394 | 1,447 | 1,539 | 2,172 | 2,031 | 2,833 | 2,883 | 2,039 | 1,797 | 1,091 | 1,258 | 22,045 |
| 1975-76 | 1,325 | 1,337 | 1,574 | 1,365 | 1,859 | 1,988 | 2,848 | 2,886 | 2,623 | 2,161 | 1,731 | 1,706 | 23,406 |
| 1976-77 | 1,756 | 1,584 | 1,681 | 1,432 | 2,154 | 2,508 | 2,889 | 3,077 | 2,999 | 2,308 | 1,674 | 1,779 | 25,841 |
| 1977-78 | 1,669 | 1,747 | 1,776 | 1,723 | 2,171 | 2,371 | 2,444 | 2,522 | 2,227 | 2,780 | 1,668 | 1,670 | 24,768 |
| 1978-79 | 2,255 | 1,818 | 1,730 | 1,632 | 2,251 | 2,257 | 2,074 | 1,935 | 1,634 | 1,399 | 1,108 | 1,347 | 21,440 |
| 1979-80 | 1,657 | 1,726 | 1,672 | 1,603 | 1,921 | 1,914 | 2,357 | 2,382 | 2,021 | 1,419 | 1,482 | 1,971 | 22,125 |
| 1980-81 | 2,247 | 2,186 | 2,313 | 1,741 | 2,244 | 2,590 | 2,776 | 2,940 | 2,721 | 1,466 | 1,212 | 1,634 | 26,070 |
| | PICKS | | | | | | | | | | | | |
| 1971-72 | 2,766 | 3,096 | 2,789 | 2,969 | 4,446 | 3,561 | 4,226 | 2,948 | 1,859 | 1,490 | 1,984 | 2,815 | 34,949 |
| 1972-73 | 4,869 | 4,188 | 4,453 | 3,469 | 5,050 | 5,542 | 5,230 | 3,173 | 1,921 | 1,456 | 1,388 | 2,742 | 43,481 |
| 1973-74 | 2,568 | 2,976 | 3,175 | 3,339 | 3,008 | 4,288 | 4,180 | 3,052 | 2,898 | 1,587 | 1,789 | 4,692 | 37,552 |
| 1974-75 | 6,463 | 5,840 | 6,798 | 5,781 | 5,303 | 7,188 | 5,297 | 4,608 | 3,053 | 1,031 | 914 | 2,150 | 54,426 |
| 1975-76 | 2,480 | 3,002 | 2,879 | 2,774 | 5,559 | 4,365 | 4,189 | 4,097 | 1,910 | 1,261 | 2,488 | 4,304 | 39,308 |
| 1976-77 | 4,051 | 4,580 | 3,941 | 5,538 | 7,202 | 5,598 | 4,201 | 5,096 | 2,882 | 1,486 | 1,913 | 3,225 | 49,713 |
| 1977-78 | 4,663 | 3,586 | 4,742 | 6,972 | 7,060 | 5,509 | 6,133 | 3,103 | 1,890 | 2,294 | 2,513 | 3,406 | 51,371 |
| 1978-79 | 5,143 | 3,488 | 4,112 | 4,428 | 3,756 | 4,330 | 2,572 | 1,184 | 945 | 1,082 | 1,206 | 2,451 | 34,697 |
| 1979-80 | 3,071 | 3,389 | 4,130 | 5,102 | 5,795 | 6,417 | 3,814 | 2,964 | 2,207 | 1,250 | 2,010 | 4,770 | 44,919 |
| 1980-81 | 4,632 | 6,310 | 5,810 | 7,626 | 6,842 | 9,905 | 5,950 | 4,053 | 2,630 | 1,137 | 2,991 | 4,006 | 61,892 |
| | STORAGE | | | | | | | | | | | | |
| 1971-72 | 1,582 | 1,452 | 1,199 | 1,443 | 2,417 | 3,648 | 4,250 | 4,373 | 3,636 | 2,192 | 1,576 | 1,623 | |
| 1972-73 | 1,879 | 2,285 | 2,371 | 2,847 | 4,188 | 5,362 | 5,342 | 4,208 | 3,152 | 1,774 | 866 | 910 | |
| 1973-74 | 1,112 | 1,545 | 1,644 | 2,681 | 3,253 | 4,423 | 4,706 | 4,295 | 3,398 | 1,686 | 1,099 | 1,557 | |
| 1974-75 | 2,722 | 3,374 | 3,444 | 3,526 | 3,730 | 4,750 | 5,110 | 4,504 | 3,300 | 1,669 | 775 | 770 | |
| 1975-76 | 1,086 | 1,605 | 1,855 | 1,913 | 3,181 | 4,779 | 5,626 | 5,233 | 3,538 | 2,170 | 1,417 | 1,722 | |
| 1976-77 | 2,169 | 2,558 | 2,693 | 3,965 | 4,948 | 6,042 | 6,086 | 5,498 | 3,998 | 2,165 | 1,062 | 1,182 | |
| 1977-78 | 1,658 | 1,913 | 2,003 | 3,373 | 3,689 | 3,526 | 3,533 | 3,127 | 2,486 | 1,526 | 1,025 | 1,275 | |
| 1978-79 | 1,707 | 2,005 | 1,876 | 2,334 | 3,217 | 3,642 | 3,651 | 2,553 | 1,777 | 1,020 | 721 | 878 | |
| 1979-80 | 1,458 | 2,302 | 2,461 | 3,526 | 4,507 | 5,332 | 4,816 | 3,930 | 2,986 | 1,707 | 1,126 | 1,385 | |
| 1980-81 | 1,981 | 2,549 | 3,234 | 3,888 | 4,262 | 5,005 | 5,277 | 4,434 | 2,734 | 1,149 | 1,068 | 1,622 | |

Source: Lemon Administrative Committee

TABLE 31

BEARING ACREAGE, PRODUCTION AND ON-TREE PRICES FOR FLORIDA LEMONS
(1972 to 1981)

| Year | True Lemons | | | Meyer Lemons | | | All Lemons | | |
|---|---|---|---|---|---|---|---|---|---|
| | Bearing Acres | Production | Price Per Carton | Bearing Acres | Production | Price Per Carton | Bearing Acres | Production | Price Per Carton |
| | 1,000 Acres | 1,000 Cartons | Dollars | 1,000 Acres | 1,000 Cartons | Dollars | 1,000 Acres | 1,000 Cartons | Dollars |
| 1972 | 6.8 | 2,360 | 1.50 | 1.6 | 1,340 | 0.70 | 8.4 | 3,700 | 1.24 |
| 1973 | 6.3 | 2,020 | 1.63 | 1.6 | 1,180 | 0.73 | 7.9 | 3,200 | 1.29 |
| 1974 | 6.0 | 2,300 | 1.25 | 1.6 | 1,060 | 0.35 | 7.6 | 3,360 | 0.96 |
| 1975 | 5.4 | 1,700 | 1.80 | 1.5 | 900 | 0.73 | 6.9 | 2,600 | 1.43 |
| 1976 | 5.6 | 1,800 | 1.22 | 1.4 | 940 | 0.65 | 7.0 | 2,740 | 1.03 |
| 1977 | 3.7 | 400 | 2.28 | 1.4 | 380 | 0.78 | 5.1 | 780 | 1.53 |
| 1978 | 3.5 | 740 | 2.63 | 1.4 | 660 | 0.80 | 4.9 | 1,400 | 1.75 |
| 1979 | 3.9 | 1,540 | 4.45 | 1.3 | 960 | 1.25 | 5.2 | 2,500 | 3.23 |
| 1980 | 3.8 | 1,700 | 3.95 | 1.3 | 1,260 | 1.98 | 5.1 | 2,960 | 3.10 |
| 1981 | 3.7 | 1,740 | 3.35 | 1.3 | 680 | 1.10 | 5.0 | 2,420 | 2.73 |

Source: Florida Crop and Livestock Reporting Service - Florida Citrus.

TABLE 32

BEARING ACREAGE, PRODUCTION AND ON-TREE PRICES FOR FLORIDA LIMES
(1971-72 to 1980-81)

| Season | Bearing Acreage 1,000 Acres | Utilization of Production | | | On-Tree Prices |
|---|---|---|---|---|---|
| | | Total | Fresh | Processed | |
| | | 1,000 Cartons | | | Per Carton |
| 1971-72 | 4.5 | 2,200 | 948 | 1,252 | 1.95 |
| 1972-73 | 4.5 | 2,200 | 1,034 | 1,166 | 2.13 |
| 1973-74 | 4.4 | 2,100 | 958 | 1,142 | 2.55 |
| 1974-75 | 4.4 | 2,200 | 986 | 1,214 | 2.68 |
| 1975-76 | 4.4 | 2,160 | 1,172 | 988 | 3.35 |
| 1976-77 | 4.5 | 2,000 | 1,028 | 972 | 4.30 |
| 1977-78 | 3.8 | 920 | 680 | 240 | 7.86 |
| 1978-79 | 4.1 | 1,440 | 962 | 478 | 6.22 |
| 1979-80 | 4.7 | 2,200 | 1,244 | 956 | 4.09 |
| 1980-81 | 5.5 | 2,400 | 1,394 | 1,006 | 3.29 |

Source: Florida Crop and Livestock Reporting Service - Citrus Summary

TABLE 33

PRODUCTION OF GRAPEFRUIT IN SPECIFIED COUNTRIES
(1976-77 to 1980-81)

| Countries | 1976-77 | 1977-78 | 1978-79 | 1979-80 | 1980-81 |
|---|---|---|---|---|---|
| | 1,000 Cartons (33.5 lbs.) | | | | |
| United States | 149,200 | 149,320 | 134,760 | 146,400 | 135,720 |
| Argentina | 11,190 | 9,544 | 8,820 | 10,992 | 11,847 |
| Australia | 1,514 | 1,711 | 1,646 | 1,843 | 1,777 |
| Belize | 527 | 724 | 461 | 987 | 921 |
| Cyprus | 3,028 | 4,344 | 5,002 | 5,331 | 5,792 |
| Jamaica | 1,251 | 1,119 | 1,251 | 1,711 | 1,646 |
| Israel | 32,318 | 30,014 | 32,845 | 33,634 | 31,594 |
| Mexico | 3,291 | 8,228 | 9,544 | 11,190 | 10,729 |
| Morocco | 1,053 | 921 | 658 | 724 | 724 |
| South Africa | 5,331 | 5,990 | 6,714 | 7,306 | 7,306 |
| All Others | 1,646 | 4,344 | 8,557 | 10,202 | 10,795 |
| Total | 210,349 | 216,259 | 210,258 | 230,320 | 218,851 |

Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular. Crop Reporting Board - Citrus Fruits By States.

TABLE 34

PRODUCTION AND UTILIZATION OF GRAPEFRUIT, BY STATES
(1971-72 to 1980-81)

| Season | California-Arizona | | | Florida | | | Texas | | | Total U.S. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | Fresh | Fresh | Total | Fresh | Fresh | Total | Fresh | Fresh | Total | Fresh | Fresh |
| | Million Cartons | | % | Million Cartons | | % | Million Cartons | | % | Million Cartons | | % |
| 1971-72 | 15.9 | 8.3 | 52 | 94.0 | 34.1 | 36 | 18.4 | 11.5 | 63 | 128.3 | 53.9 | 42 |
| 1972-73 | 16.9 | 8.1 | 48 | 90.8 | 34.1 | 38 | 23.6 | 12.7 | 54 | 131.3 | 54.9 | 42 |
| 1973-74 | 13.4 | 7.1 | 53 | 96.2 | 37.5 | 39 | 21.4 | 10.8 | 50 | 131.0 | 55.4 | 42 |
| 1974-75 | 19.4 | 9.9 | 51 | 89.2 | 37.6 | 42 | 14.6 | 9.3 | 64 | 123.2 | 56.8 | 46 |
| 1975-76 | 20.6 | 9.8 | 48 | 98.2 | 40.7 | 41 | 21.4 | 14.5 | 68 | 140.2 | 65.0 | 46 |
| 1976-77 | 21.4 | 11.4 | 53 | 103.0 | 32.8 | 32 | 24.8 | 13.0 | 52 | 149.2 | 57.2 | 38 |
| 1977-78 | 22.7 | 11.3 | 50 | 102.8 | 36.1 | 35 | 23.8 | 13.2 | 55 | 149.3 | 60.6 | 41 |
| 1978-79 | 16.8 | 9.5 | 57 | 100.0 | 39.6 | 40 | 18.0 | 8.0 | 44 | 134.8 | 57.1 | 42 |
| 1979-80 | 21.0 | 9.6 | 46 | 109.6 | 39.0 | 36 | 15.8 | 8.4 | 53 | 146.4 | 57.0 | 39 |
| 1980-81 | 21.7 | 12.2 | 56 | 100.6 | 34.3 | 34 | 13.4 | 9.3 | 69 | 135.7 | 55.8 | 41 |

Source: USDA, Crop Reporting Board - Citrus Fruits By States

TABLE 35

PRODUCTION AND UTILIZATION OF CALIFORNIA-ARIZONA GRAPEFRUIT
(1971-72 to 1980-81)

| Season | California Summer | | | California-Arizona Desert | | | Total California-Arizona | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | Fresh | Processed | Total | Fresh | Processed | Total | Fresh | Processed |
| | 1,000 Cartons | | | | | | | | |
| 1971-72 | 4,400 | 2,680 | 1,720 | 11,480 | 5,584 | 5,896 | 15,880 | 8,264 | 7,616 |
| 1972-73 | 5,600 | 3,400 | 2,200 | 11,280 | 4,670 | 6,610 | 16,880 | 8,070 | 8,810 |
| 1973-74 | 4,580 | 2,540 | 2,040 | 8,820 | 4,582 | 4,238 | 13,400 | 7,122 | 6,278 |
| 1974-75 | 6,420 | 3,760 | 2,660 | 13,000 | 6,120 | 6,880 | 19,420 | 9,880 | 9,540 |
| 1975-76 | 6,200 | 3,640 | 2,560 | 14,360 | 6,170 | 8,190 | 20,560 | 9,810 | 10,750 |
| 1976-77 | 6,400 | 4,000 | 2,400 | 15,000 | 7,370 | 7,630 | 21,400 | 11,370 | 10,030 |
| 1977-78 | 8,320 | 5,120 | 3,200 | 14,400 | 6,160 | 8,240 | 22,720 | 11,280 | 11,440 |
| 1978-79 | 5,740 | 3,560 | 2,180 | 11,020 | 5,920 | 5,100 | 16,760 | 9,480 | 7,280 |
| 1979-80 | 6,600 | 3,440 | 3,160 | 14,400 | 6,120 | 8,280 | 21,000 | 9,560 | 11,440 |
| 1980-81 | 7,600 | 4,360 | 3,240 | 14,120 | 7,820 | 6,300 | 21,720 | 12,180 | 9,540 |

Source: USDA, Crop Reporting Board - Citrus Fruits By States

TABLE 36

BEARING ACREAGE OF GRAPEFRUIT, BY STATES
(1971-72 to 1980-81)

| Season | Arizona | California Desert | Total California -Arizona Desert | California Summer | Total California -Arizona | Florida | Texas | Total United States |
|---|---|---|---|---|---|---|---|---|
| | Acres | | | | | | | |
| 1971-72 | 7,655 | 7,420 | 15,075 | 5,130 | 20,205 | 112,564 | 35,000 | 167,769 |
| 1972-73 | 8,213 | 7,620 | 15,833 | 5,490 | 21,323 | 114,600 | 35,000 | 170,923 |
| 1973-74 | 9,036 | 8,180 | 17,216 | 6,160 | 23,376 | 115,767 | 35,000 | 174,143 |
| 1974-75 | 9,588 | 9,290 | 18,878 | 6,690 | 25,568 | 115,400 | 33,100 | 174,068 |
| 1975-76 | 10,217 | 9,650 | 19,867 | 6,900 | 26,767 | 117,900 | 33,100 | 177,767 |
| 1976-77(a) | 10,217 | 9,490 | 19,707 | 7,130 | 26,837 | 119,300 | 35,100 | 181,237 |
| 1977-78 | 10,823 | 9,290 | 20,113 | 7,950 | 28,063 | 120,300 | 35,100 | 183,463 |
| 1978-79 | 8,890 | 9,850 | 18,740 | 9,720 | 28,460 | 124,600 | 39,800 | 192,860 |
| 1979-80 | 8,438 | 10,320 | 18,758 | 11,010 | 29,768 | 126,400 | 39,800 | 195,968 |
| 1980-81 | 8,113 | 10,080 | 18,193 | 11,720 | 29,913 | 125,600 | 41,500 | 197,013 |

(a) No Arizona Acreage survey for 1976-77 Season.

Source: California Fruit & Nut Statistics;
Arizona Fruit & Vegetable Standardization Service;
Florida Agricultural Statistics - Citrus Summary.

TABLE 37

COST OF PRODUCING AND MARKETING CALIFORNIA-ARIZONA GRAPEFRUIT
(1971-72 to 1980-81)

| Season | California Summer | | | | | California-Arizona Desert | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Cultural Cost | Picking & Hauling | Packing | Selling & Advertising | Total Cost | Cultural Cost | Picking & Hauling | Packing | Selling & Advertising | Total Cost |
| | Dollars Per Packed Equivalent Carton | | | | | | | | | |
| 1971-72 | 0.81 | 0.47 | 0.86 | 0.19 | 2.33 | 0.63 | 0.32 | 0.86 | 0.19 | 2.00 |
| 1972-73 | 0.80 | 0.45 | 0.76 | 0.20 | 2.21 | 0.71 | 0.33 | 1.01 | 0.20 | 2.25 |
| 1973-74 | NA | 0.41 | 0.95 | 0.21 | NA | NA | 0.32 | 0.99 | 0.21 | NA |
| 1975-76 | NA | 0.48 | 1.02 | 0.28 | NA | NA | 0.37 | 1.16 | 0.24 | NA |
| 1976-77 | 1.66 | 0.48 | 1.13 | 0.27 | 3.54 | 1.27 | 0.45 | 1.30 | 0.27 | 3.29 |
| 1977-78 | NA | 0.49 | 1.22 | 0.23 | NA | NA | 0.53 | 1.35 | 0.22 | NA |
| 1978-79 | 2.88 | 0.55 | 1.28 | 0.24 | 4.95 | 2.02 | 0.56 | 1.43 | 0.24 | 4.25 |
| 1979-80 | 3.04 | 0.58 | 1.41 | 0.29 | 5.32 | 1.68 | 0.61 | 1.48 | 0.29 | 4.06 |
| 1980-81(P) | 4.08 | 0.65 | 1.47 | 0.30 | 6.50 | 2.32 | 0.69 | 1.56 | 0.28 | 4.85 |

NA: Not Available
P: Preliminary
Source: California-Arizona Citrus League; Sunkist Growers, Inc.; UCR; UAT.

TABLE 38

UTILIZATION AND AVERAGE ON-TREE PRICES
FOR CALIFORNIA-ARIZONA GRAPEFRUIT
(1971-72 to 1980-81)

| Season | California Summer Grapefruit | | | | | | California-Arizona Desert Grapefruit | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Utilization | | | On-Tree Prices | | | Utilization | | | On-Tree Prices | | |
| | Fresh | Products | Total | Fresh | Products | Total | Fresh | Products | Total | Fresh | Products | Total |
| | Million Cartons | | | Dollars Per Carton | | | Million Cartons | | | Dollars Per Carton | | |
| 1971-72 | 2.7 | 1.7 | 4.4 | 2.36 | -0.02 | 1.44 | 5.6 | 5.9 | 11.5 | 1.66 | 0.20 | 0.91 |
| 1972-73 | 3.4 | 2.2 | 5.6 | 2.10 | -0.05 | 1.26 | 4.7 | 6.6 | 11.3 | 1.39 | 0.14 | 0.66 |
| 1973-74 | 2.5 | 2.0 | 4.5 | 2.02 | 0.16 | 1.19 | 4.6 | 4.2 | 8.8 | 1.23 | 0.07 | 0.68 |
| 1974-75 | 3.8 | 2.6 | 6.4 | 1.63 | -0.09 | 0.92 | 6.1 | 6.9 | 13.0 | 1.46 | 0.00 | 0.69 |
| 1975-76 | 3.6 | 2.6 | 6.2 | 1.53 | -0.12 | 0.85 | 6.2 | 8.2 | 14.4 | 1.04 | -0.02 | 0.43 |
| 1976-77 | 4.0 | 2.4 | 6.4 | 1.69 | -0.31 | 0.94 | 7.4 | 7.6 | 15.0 | 1.24 | -0.21 | 0.50 |
| 1977-78 | 5.1 | 3.2 | 8.3 | 3.11 | -0.34 | 1.78 | 6.2 | 8.2 | 14.4 | 1.31 | -0.34 | 0.37 |
| 1978-79 | 3.5 | 2.2 | 5.7 | 4.33 | -0.40 | 2.53 | 5.9 | 5.1 | 11.0 | 2.27 | -0.30 | 1.08 |
| 1979-80 | 3.4 | 3.2 | 6.6 | 2.73 | -0.29 | 1.28 | 6.1 | 8.3 | 14.4 | 1.86 | -0.21 | 0.67 |
| 1980-81 | 4.4 | 3.2 | 7.6 | 3.25 | -0.35 | 1.72 | 7.8 | 6.3 | 14.1 | 2.89 | -0.11 | 1.55 |

Source: USDA, Crop Reporting Board - Citrus Fruits By States; Agricultural Prices.

TABLE 39

UTILIZATION AND AVERAGE ON-TREE PRICES
FOR FLORIDA AND TEXAS GRAPEFRUIT
(1971-72 to 1980-81)

| Season | Florida | | | | | | Texas | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Utilization | | | On-Tree Prices | | | Utilization | | | On-Tree Prices | | |
| | Fresh | Products | Total | Fresh | Products | Total | Fresh | Products | Total | Fresh | Products | Total |
| | Million Cartons | | | Dollars Per Carton | | | Million Cartons | | | Dollars Per Carton | | |
| 1971-72 | 34.1 | 59.9 | 94.0 | 1.57 | 0.93 | 1.16 | 11.5 | 6.9 | 18.4 | 1.12 | 0.61 | 0.93 |
| 1972-73 | 34.1 | 56.7 | 90.8 | 1.55 | 0.74 | 1.04 | 12.7 | 10.9 | 23.6 | 1.15 | 0.61 | 0.90 |
| 1973-74 | 37.5 | 58.7 | 96.2 | 1.27 | 0.55 | 0.83 | 10.8 | 10.6 | 21.4 | 0.96 | 0.34 | 0.66 |
| 1974-75 | 37.6 | 51.6 | 89.2 | 1.52 | 0.38 | 0.86 | 9.3 | 5.3 | 14.6 | 1.28 | 0.45 | 0.98 |
| 1975-76 | 40.7 | 57.5 | 98.2 | 1.24 | 0.38 | 0.74 | 14.5 | 6.9 | 21.4 | 0.87 | 0.29 | 0.68 |
| 1976-77 | 32.8 | 70.2 | 103.0 | 1.30 | 0.55 | 0.79 | 13.0 | 11.8 | 24.8 | 0.94 | 0.37 | 0.67 |
| 1977-78 | 36.1 | 66.7 | 102.8 | 1.18 | 0.63 | 0.82 | 13.2 | 10.6 | 23.8 | 0.61 | 0.31 | 0.48 |
| 1978-79 | 39.6 | 60.4 | 100.0 | 1.62 | 0.94 | 1.21 | 8.0 | 10.0 | 18.0 | 1.00 | 0.33 | 0.63 |
| 1979-80 | 39.0 | 70.6 | 109.6 | 2.08 | 1.43 | 1.66 | 8.4 | 7.4 | 15.8 | 1.59 | 0.96 | 1.30 |
| 1980-81 | 34.3 | 66.3 | 100.6 | 2.63 | 1.41 | 1.83 | 9.3 | 4.1 | 13.4 | 1.85 | 1.16 | 1.64 |

Source: Florida Agricultural Statistics - Citrus Summary.

TABLE 40

CALIFORNIA-ARIZONA GRAPEFRUIT
Weekly Shipments
(1980-81 Season)

| Week Through | Summer | | Desert | | Total | |
|---|---|---|---|---|---|---|
| | Fresh | Products | Fresh | Products | Fresh | Products |
| | Carloads of 1,000 cartons each | | | | | |
| Sep. 28, 1980 | - | - | 1 | 4 | 1 | 4 |
| Oct. 4 | - | - | 3 | - | 3 | - |
| 11 | - | - | 31 | - | 31 | - |
| 18 | - | - | 69 | 25 | 69 | 25 |
| 25 | - | - | 86 | 18 | 86 | 18 |
| Nov. 1 | - | - | 86 | 48 | 86 | 48 |
| 8 | - | - | 97 | 35 | 97 | 35 |
| 15 | - | - | 62 | 10 | 62 | 10 |
| 22 | - | - | 69 | 21 | 69 | 21 |
| 29 | - | - | 56 | 22 | 56 | 22 |
| Dec. 6 | - | - | 78 | 39 | 78 | 39 |
| 13 | - | - | 45 | 29 | 45 | 29 |
| 20 | - | - | 36 | 16 | 36 | 16 |
| 27 | 2 | - | 30 | 27 | 32 | 27 |
| Jan. 3, 1981 | 2 | 1 | 60 | 40 | 62 | 41 |
| 10 | 4 | - | 124 | 49 | 128 | 49 |
| 17 | 3 | 1 | 199 | 78 | 202 | 79 |
| 24 | 4 | - | 211 | 117 | 215 | 117 |
| 31 | 2 | 1 | 140 | 104 | 142 | 105 |
| Feb. 7 | 7 | 1 | 166 | 67 | 173 | 68 |
| 14 | 8 | 2 | 146 | 100 | 154 | 102 |
| 21 | 8 | 2 | 124 | 74 | 132 | 76 |
| 28 | 4 | 1 | 121 | 93 | 125 | 94 |
| Mar. 7 | 13 | 1 | 127 | 77 | 140 | 78 |
| 14 | 11 | 12 | 185 | 94 | 196 | 106 |
| 21 | 13 | 10 | 215 | 169 | 228 | 179 |
| 28 | 14 | 7 | 251 | 172 | 265 | 179 |
| Apr. 4 | 12 | 7 | 324 | 356 | 336 | 363 |
| 11 | 10 | 6 | 366 | 274 | 376 | 280 |
| 18 | 12 | 13 | 304 | 158 | 316 | 171 |
| 25 | 20 | 15 | 305 | 297 | 325 | 312 |
| May 2 | 14 | 13 | 276 | 346 | 290 | 359 |
| 9 | 22 | 37 | 528 | 205 | 550 | 242 |
| 16 | 14 | 8 | 430 | 497 | 444 | 505 |
| 23 | 46 | 26 | 475 | 396 | 521 | 422 |
| 30 | 49 | 28 | 323 | 716 | 372 | 744 |
| June 6 | 93 | 43 | 388 | 189 | 481 | 232 |
| 13 | 160 | 130 | 361 | 321 | 521 | 451 |
| 20 | 171 | 154 | 114 | 536 | 285 | 690 |
| 27 | 220 | 173 | 28 | 232 | 248 | 405 |
| July 4 | 251 | 160 | 4 | 21 | 255 | 181 |
| 11 | 305 | 196 | - | - | 305 | 196 |
| 18 | 269 | 243 | - | - | 269 | 243 |
| 25 | 324 | 218 | 18 | - | 342 | 218 |
| Aug. 1 | 267 | 207 | - | - | 267 | 207 |
| 8 | 240 | 226 | - | - | 240 | 226 |
| 15 | 206 | 214 | - | - | 206 | 214 |
| 22 | 220 | 200 | - | - | 220 | 200 |
| 29 | 227 | 186 | - | - | 227 | 186 |
| Sep. 5 | 256 | 212 | | | 256 | 212 |
| 12 | 240 | 173 | - | - | 240 | 173 |
| 19 | 252 | 224 | - | - | 252 | 224 |
| 26 | 169 | 192 | - | - | 169 | 192 |
| Oct. 3 | 76 | 102 | - | - | 76 | 102 |
| 10 | 44 | 15 | - | - | 44 | 15 |
| 17 | 11 | 5 | - | - | 11 | 5 |
| 24 | 1 | - | - | - | 1 | - |
| 31 | - | - | - | - | - | - |
| TOTAL | 4,296 | 3,465 | 7,062 | 6,072 | 11,358 | 9,537 |

Source: Desert Grapefruit Administrative Committee and Sunkist Growers, Inc.

TABLE 41

COMMERCIAL FRESH SHIPMENTS, BY MONTHS
FOR CALIFORNIA-ARIZONA GRAPEFRUIT
(1971-72 to 1980-81)

| Season | Nov. | Dec. | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Total Nov.-Oct. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,000 Cartons | | | | | | | | | | | | |
| 1971-72 | 233 | 276 | 397 | 443 | 516 | 713 | 1,456 | 1,822 | 1,343 | 1,061 | 417 | 85 | 8,762 |
| 1972-73 | 187 | 284 | 284 | 288 | 403 | 411 | 897 | 1,599 | 1,858 | 1,385 | 608 | 26 | 8,230 |
| 1973-74 | 180 | 211 | 284 | 302 | 320 | 464 | 981 | 1,437 | 1,471 | 1,341 | 238 | 10 | 7,239 |
| 1974-75 | 254 | 268 | 476 | 616 | 704 | 882 | 1,303 | 2,224 | 1,660 | 1,271 | 499 | 35 | 10,182 |
| 1975-76 | 121 | 240 | 439 | 351 | 503 | 783 | 1,690 | 2,158 | 2,126 | 1,217 | 227 | 234 | 10,089 |
| 1976-77 | 272 | 328 | 649 | 478 | 582 | 739 | 1,464 | 2,000 | 1,595 | 1,360 | 1,177 | 194 | 10,838 |
| 1977-78 | 368 | 281 | 451 | 481 | 561 | 957 | 1,801 | 2,150 | 1,511 | 1,118 | 219 | 373 | 10,271 |
| 1978-79 | 343 | 206 | 481 | 550 | 785 | 1,072 | 1,721 | 914 | 903 | 930 | 551 | 22 | 8,478 |
| 1979-80 | 216 | 175 | 289 | 283 | 373 | 815 | 1,662 | 2,337 | 1,904 | 1,340 | 765 | 38 | 10,197 |
| 1980-81 | 307 | 215 | 714 | 584 | 973 | 1,416 | 2,039 | 1,575 | 1,291 | 1,004 | 887 | 89 | 11,094 |

Source: Desert Grapefruit Administrtive Committee; Sunkist Growers, Inc.

TABLE 42

UNITED STATES PER CAPITA CONSUMPTION OF FRESH CITRUS FRUITS
(1971 to 1980)

| Year | Oranges | Tangerines | Tangelos | Lemons | Limes | Grapefruit | Total Citrus |
|---|---|---|---|---|---|---|---|
| | Pounds | | | | | | |
| 1971 | 15.7 | 1.8 | 0.71 | 2.2 | 0.18 | 8.6 | 29.2 |
| 1972 | 14.5 | 1.6 | 0.72 | 1.8 | 0.22 | 8.6 | 27.4 |
| 1973 | 14.4 | 1.7 | 0.62 | 1.9 | 0.22 | 8.6 | 27.4 |
| 1974 | 14.4 | 1.9 | 0.68 | 2.0 | 0.23 | 8.2 | 27.4 |
| 1975 | 15.9 | 2.0 | 1.00 | 1.9 | 0.24 | 8.4 | 29.4 |
| 1976 | 14.7 | 2.0 | 0.94 | 1.9 | 0.25 | 9.2 | 29.0 |
| 1977 | 13.4 | 1.8 | 0.95 | 2.1 | 0.25 | 7.7 | 26.7 |
| 1978 | 13.5 | 1.6 | 0.82 | 2.1 | 0.24 | 8.3 | 26.5 |
| 1979 | 12.4 | 1.6 | 0.69 | 2.0 | 0.28 | 7.6 | 24.5 |
| 1980 | 15.7 | 1.9 | 0.72 | 2.0 | 0.37 | 8.0 | 28.7 |

Source: USDA, Economic Research Service - Fruit Situation

TABLE 43

UNITED STATES PER CAPITA CONSUMPTION OF FROZEN CITRUS JUICES
(1971 to 1980)

| Year | Product Weight | | | | | | |
|---|---|---|---|---|---|---|---|
| | Orange | Tangerines | Lemon | Lemonade Base | Limeade | Grapefruit | Total |
| | Pounds | | | | | | |
| 1971 | 6.92 | 0.05 | 0.03 | 0.34 | 0.06 | 0.23 | 7.63 |
| 1972 | 7.90 | 0.05 | 0.04 | 0.38 | 0.06 | 0.30 | 8.73 |
| 1973 | 7.63 | 0.05 | 0.03 | 0.47 | 0.03 | 0.31 | 8.57 |
| 1974 | 8.41 | 0.04 | 0.03 | 0.43 | 0.02 | 0.33 | 9.26 |
| 1975 | 9.36 | 0.06 | 0.10 | 0.98 | 0.08 | 0.28 | 10.86 |
| 1976 | 9.80 | 0.03 | 0.03 | 0.51 | 0.06 | 0.07 | 10.50 |
| 1977 | 9.74 | 0.07 | 0.06 | 0.39 | 0.08 | 0.52 | 10.86 |
| 1978 | 7.84 | 0.06 | 0.10 | 0.68 | 0.07 | 0.52 | 9.27 |
| 1979 | 8.65 | 0.06 | 0.07 | 0.52 | 0.08 | 0.51 | 9.89 |
| 1980 | 9.06 | 0.06 | 0.04 | 0.24 | 0.08 | 0.42 | 9.90 |

Product weight includes concentrated and single strength juices.
Concentrated fruit juices converted to single strength on basis of 3.525 pounds to 1; lemonade base 0.74
Source: USDA, Economic Research Service - Fruit Situation

TABLE 44

UNITED STATES PER CAPITA CONSUMPTION OF FRESH DECIDUOUS FRUITS
(1971 to 1980)

| Year | Apples | Apricots | Bananas | Cherries | Grapes | Nectarines | Peaches | Pears | Pineapple | Plums & Prunes | Strawberries | All Others* | Total Deciduous |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Pounds | | | | | | | | | | | | |
| 1971 | 16.1 | 0.14 | 18.2 | 0.6 | 2.4 | 0.6 | 5.7 | 2.4 | 0.7 | 1.3 | 1.9 | 1.5 | 51.5 |
| 1972 | 17.4 | 0.08 | 18.0 | 0.3 | 2.2 | 0.8 | 3.9 | 2.4 | 0.8 | 1.1 | 1.7 | 1.0 | 49.7 |
| 1973 | 14.7 | 0.09 | 18.2 | 0.7 | 2.6 | 0.7 | 4.3 | 2.5 | 0.9 | 1.1 | 1.6 | 1.5 | 48.9 |
| 1974 | 16.0 | 0.04 | 18.6 | 0.6 | 2.8 | 1.0 | 4.4 | 2.3 | 0.9 | 1.5 | 1.8 | 1.3 | 51.2 |
| 1975 | 17.7 | 0.05 | 17.7 | 0.7 | 3.2 | 0.9 | 5.0 | 2.8 | 1.0 | 1.3 | 1.8 | 1.9 | 54.1 |
| 1976 | 18.7 | 0.06 | 19.3 | 0.8 | 3.2 | 1.0 | 5.2 | 2.6 | 1.2 | 1.3 | 1.6 | 1.5 | 56.5 |
| 1977 | 17.0 | 0.05 | 19.3 | 0.6 | 3.1 | 1.2 | 5.1 | 2.6 | 1.4 | 1.6 | 1.9 | 2.0 | 55.9 |
| 1978 | 15.8 | 0.07 | 20.2 | 0.5 | 3.0 | 1.2 | 5.0 | 2.2 | 1.5 | 1.6 | 2.1 | 1.8 | 55.0 |
| 1979 | 17.0 | 0.08 | 21.1 | 0.7 | 3.6 | 1.4 | 5.5 | 2.5 | 1.5 | 1.7 | 1.8 | 1.9 | 58.8 |
| 1980 | 16.7 | 0.09 | 20.8 | 0.7 | 4.0 | 1.6 | 5.7 | 2.5 | 1.5 | 1.6 | 1.9 | 1.6 | 58.7 |

*Includes: Avocados, Bushberries, Cranberries, Figs, Papayas, and Miscellaneous Fruit.
Source: USDA, Economic Research Service - Fruit Situation

TABLE 45

UNITED STATES PRODUCTION OF SELECTED FRUITS COMPETING WITH CITRUS FRUITS
(1971 to 1980)

| Year | Apples** | Apricots | Cherries | Grapes | Nectarines | Peaches | Pears | Plums* & Prunes | Strawberries** | Pineapples | Avocados | Cantaloupes | Watermelons |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,000 tons | | | | | | | | | | | 1,000 cwt | |
| 1971 | 3,187 | 186 | 280 | 3,994 | 70 | 1,441 | 749 | 582 | 260 | 942 | 45 | 12,382 | 27,094 |
| 1972 | 2,939 | 128 | 252 | 2,579 | 87 | 1,186 | 612 | 359 | 230 | 947 | 89 | 13,045 | 25,280 |
| 1973 | 3,133 | 158 | 246 | 4,198 | 87 | 1,295 | 730 | 783 | 240 | 810 | 74 | 11,302 | 26,170 |
| 1974 | 3,290 | 94 | 279 | 4,199 | 117 | 1,459 | 742 | 659 | 269 | 700 | 127 | 9,720 | 23,466 |
| 1975 | 3,765 | 183 | 301 | 4,366 | 111 | 1,418 | 748 | 656 | 275 | 720 | 87 | 9,858 | 24,395 |
| 1976 | 3,236 | 155 | 246 | 4,398 | 128 | 1,509 | 839 | 666 | 290 | 680 | 141 | 10,140 | 26,459 |
| 1977 | 3,370 | 147 | 254 | 4,298 | 155 | 1,478 | 782 | 727 | 331 | 690 | 118 | 10,899 | 26,885 |
| 1978 | 3,799 | 126 | 247 | 4,567 | 148 | 1,326 | 723 | 643 | 330 | 675 | 146 | 13,318 | 25,270 |
| 1979 | 4,072 | 144 | 267 | 4,989 | 172 | 1,476 | 855 | 664 | 319 | 681 | 102 | 12,211 | 24,076 |
| 1980 | 4,414 | 119 | 281 | 5,595 | 193 | 1,537 | 894 | 821 | 351 | 657 | 281 | 11,890 | 22,716 |

*Fresh basis; **Commercial Crop
Source: USDA - Agricultural Statistics
Fruit Situation

TABLE 46

UNITED STATES PACKS OF CANNED CITRUS JUICES, s.s.
(1971 to 1980)

| Year | Orange Juice | | | Grapefruit Juice | | | Orange & Grapefruit Blend | | | Tangerine & Tangerine Blend |
|---|---|---|---|---|---|---|---|---|---|---|
| | Calif. & Arizona | Florida | Texas | Calif. & Arizona | Florida | Texas | Calif. & Arizona | Florida | Texas | |
| | 1,000 cases (24 No. 2 cans) | | | | | | | | | |
| 1971 | 1,718 | 10,800 | 1,334 | 2,066 | 20,874 | 3,837 | 64 | 1,807 | 112 | 16 |
| 1972 | 1,484 | 13,670 | 1,899 | 2,631 | 19,059 | 6,572 | 117 | 1,898 | 120 | 24 |
| 1973 | 1,676 | 10,885 | 1,258 | 2,412 | 20,576 | 6,013 | 145 | 1,782 | 56 | 18 |
| 1974 | 1,115 | 10,737 | 1,441 | 2,446 | 16,394 | 2,789 | 113 | 1,493 | 117 | 12 |
| 1975 | 1,570 | 10,635 | 1,256 | 2,901 | 18,890 | 4,030 | 144 | 1,687 | 938 | 19 |
| 1976 | 1,183 | 10,767 | 2,485 | 3,013 | 18,809 | 5,867 | 187 | 1,308 | 89 | 35 |
| 1977 | 1,748 | 11,654 | 2,427 | 4,443 | 17,246 | 4,690 | 194 | 1,664 | 87 | 8 |
| 1978 | 2,795 | 13,222 | 2,209 | 4,949 | 16,764 | 3,462 | 95 | 1,255 | 80 | 19 |
| 1979 | 2,079 | 13,869 | 2,419 | 4,018 | 16,604 | 3,606 | 138 | 1,314 | 82 | 17 |
| 1980 | NA | 13,012 | NA | NA | 14,231 | NA | NA | 984 | NA | 9 |

NA: Not Available
Source: USDA - Agricultural Statistics
Florida Citrus Mutual - Annual Statistical Report

TABLE 47

UNITED STATES EXPORTS OF ORANGE AND LEMON OIL
(1972 to 1981)

| Year | Orange Oil | | | | | Lemon Oil | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Canada | Europe | Far East | Others | Total | Canada | Europe | Far East | Others | Total |
| | 1,000 Pounds | | | | | | | | | |
| 1972 | 210 | 3,162 | 1,535 | 355 | 5,262 | 78 | 375 | 167 | 50 | 670 |
| 1973 | 257 | 4,454 | 1,292 | 393 | 6,396 | 122 | 787 | 182 | 114 | 1,205 |
| 1974 | 305 | 4,028 | 1,748 | 426 | 6,507 | 124 | 761 | 131 | 101 | 1,117 |
| 1975 | 203 | 1,786 | 459 | 777 | 3,225 | 103 | 188 | 77 | 94 | 462 |
| 1976 | 232 | 3,800 | 959 | 1,056 | 6,047 | 116 | 638 | 127 | 80 | 961 |
| 1977 | 124 | 3,279 | 722 | 1,068 | 5,193 | 95 | 867 | 157 | 163 | 1,282 |
| 1978 | 193 | 4,316 | 2,428 | 834 | 7,771 | 132 | 1,130 | 153 | 160 | 1,575 |
| 1979 | 130 | 4,123 | 4,217 | 834 | 9,304 | 101 | 835 | 171 | 249 | 1,356 |
| 1980 | 93 | 3,575 | 3,498 | 742 | 7,908 | 88 | 576 | 177 | 214 | 1,055 |
| 1981 | 170 | 2,875 | 3,442 | 816 | 7,303 | 53 | 517 | 415 | 117 | 1,102 |

Source: USDC, Bureau of Census, US Exports - FT410 & EM546.

TABLE 48

UNITED STATES EXPORTS OF SELECTED CITRUS JUICES, NOT CONCENTRATED
(1972 to 1981)

| Year | Canada | | Europe | | Far East | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Orange | Grape-fruit | Orange | Grape-fruit | Orange | Grape-fruit | Orange | Grape-fruit | Orange | Grape-fruit |
| | 1,000 Single Strength Gallons | | | | | | | | | |
| 1972 | 5,154 | 3,572 | 3,054 | 1,135 | 214 | 98 | 440 | 177 | 8,862 | 4,982 |
| 1973 | 5,711 | 3,433 | 3,809 | 1,092 | 306 | 159 | 528 | 233 | 10,354 | 4,917 |
| 1974 | 5,699 | 3,776 | 3,117 | 924 | 445 | 185 | 720 | 357 | 9,981 | 5,242 |
| 1975 | 5,659 | 3,269 | 3,150 | 917 | 240 | 73 | 1,025 | 386 | 10,074 | 4,645 |
| 1976 | 6,224 | 3,324 | 2,866 | 1,000 | 478 | 196 | 1,028 | 652 | 10,596 | 5,172 |
| 1977 | 6,582 | 3,496 | 2,284 | 575 | 375 | 134 | 1,263 | 1,490 | 10,504 | 5,695 |
| 1978 | 4,992 | 2,496 | 2,489 | 732 | 524 | 225 | 1,198 | 454 | 9,203 | 3,907 |
| 1979 | 3,860 | 2,275 | 3,001 | 790 | 768 | 263 | 1,634 | 475 | 9,263 | 3,803 |
| 1980 | 3,412 | 2,223 | 3,231 | 917 | 866 | 317 | 2,521 | 604 | 10,030 | 4,061 |
| 1981 | 2,058 | 1,608 | 3,368 | 957 | 909 | 339 | 2,745 | 746 | 9,080 | 3,650 |

Source: U.S. Bureau of the Census - Reports Numbered FT 410 & EM 546

TABLE 49

UNITED STATES EXPORTS OF ORANGE JUICE CONCENTRATE
(1972 to 1981)

| Year | Canada | | Europe | | Far East | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Not Frozen | Frozen | Not Frozen | Frozen | Not Frozen | Frozen | Not Frozen | Frozen | Not Frozen | Frozen |
| | 1,000 Single Strength Gallons | | | | | | | | | |
| 1972 | 823 | 18,461 | 4,328 | 17,544 | 2,157 | 530 | 217 | 690 | 7,525 | 37,225 |
| 1973 | 252 | 21,698 | 4,179 | 27,520 | 2,641 | 316 | 447 | 1,322 | 7,519 | 50,856 |
| 1974 | 350 | 26,467 | 4,561 | 21,323 | 2,297 | 3,732 | 248 | 1,107 | 7,456 | 52,629 |
| 1975 | 459 | 29,884 | 3,195 | 25,274 | 1,778 | 2,777 | 444 | 2,157 | 5,876 | 60,092 |
| 1976 | 182 | 32,379 | 5,442 | 35,985 | 2,448 | 2,525 | 520 | 3,274 | 8,592 | 74,163 |
| 1977 | 456 | 32,574 | 5,594 | 33,121 | 2,967 | 4,282 | 811 | 5,275 | 9,828 | 75,252 |
| 1978 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1979 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1980 | 2,261 | 33,743 | 2,262 | 21,747 | 2,116 | 7,139 | 1,040 | 3,611 | 7,681 | 66,240 |
| 1981 | 1,054 | 35,293 | 3,135 | 27,944 | 1,543 | 7,529 | 983 | 4,500 | 6,715 | 75,266 |

NA: Not Available
Source: U.S. Bureau of the Census - Reports Numbered FT 410 & EM 546
NOTE: Prior to 1978, all U.S. export data for orange juice concentrate were reported in concentrate gallons. Since 1978, all U.S. export data for orange juice concentrate were reported in single strength gallons. The conversion ratio used for the period 1971 to 1977 were supplied by the U.S. Foreign Agricultural Service. U.S. trade data on orange juice concentrate during the transitional period of 1978 & 1979 understated the level of U.S. exports and, therefore, are not being utilized.

TABLE 50

UNITED STATES EXPORTS OF FRESH CITRUS FRUITS
(1971-72 to 1980-81)

| Season | Canada | European Community | Western Europe | Eastern Europe (a) | Total Europe | Japan | Hong Kong | Other Far-eastern Countries | Total Far East | Middle East | Others (b) | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,000 Cartons | | | | | | | | | | | |
| | | | | | ORANGES AND TANGERINES | | | | | | | |
| 1971-72 | 10,272 | 2,812 | 185 | - | 2,997 | 1,036 | 4,086 | 427 | 5,549 | - | 439 | 19,257 |
| 1972-73 | 8,728 | 2,363 | 56 | 35 | 2,454 | 1,014 | 4,841 | 388 | 6,243 | - | 353 | 17,778 |
| 1973-74 | 9,628 | 3,165 | 244 | 316 | 3,725 | 1,249 | 4,330 | 307 | 5,886 | - | 1,001 | 20,240 |
| 1974-75 | 11,448 | 7,713 | 407 | 1,530 | 9,650 | 1,449 | 5,910 | 851 | 8,210 | 926 | 753 | 30,987 |
| 1975-76 | 11,900 | 6,460 | 272 | 558 | 7,290 | 1,574 | 6,136 | 1,133 | 8,843 | - | 634 | 28,667 |
| 1976-77 | 11,515 | 4,576 | 396 | 25 | 4,997 | 1,440 | 6,250 | 1,223 | 8,913 | - | 636 | 26,061 |
| 1977-78 | 10,120 | 2,297 | 211 | - | 2,508 | 2,984 | 5,110 | 865 | 8,959 | 3 | 508 | 22,098 |
| 1978-79 | 9,106 | 1,634 | 87 | - | 1,721 | 3,499 | 4,705 | 813 | 9,017 | 1 | 437 | 20,282 |
| 1979-80 | 10,988 | 5,078 | 329 | - | 5,407 | 4,477 | 6,761 | 1,672 | 12,910 | 214 | 692 | 30,211 |
| 1980-81 | 10,631 | 1,853 | 183 | - | 2,036 | 4,658 | 7,221 | 1,957 | 13,836 | 123 | 712 | 27,338 |
| | | | | | LEMONS AND LIMES | | | | | | | |
| 1971-72 | 846 | 2,603 | 351 | 330 | 3,284 | 4,638 | 147 | 12 | 4,797 | - | 75 | 9,002 |
| 1972-73 | 1,121 | 3,665 | 443 | 961 | 5,069 | 4,885 | 148 | 5 | 5,038 | - | 67 | 11,295 |
| 1973-74 | 1,058 | 2,976 | 344 | 1,030 | 4,350 | 5,396 | 158 | 27 | 5,581 | 15 | 78 | 11,082 |
| 1974-75 | 1,150 | 3,997 | 312 | 1,430 | 5,739 | 4,948 | 136 | 11 | 5,095 | 15 | 85 | 12,084 |
| 1975-76 | 1,051 | 2,800 | 271 | 1,700 | 4,771 | 4,987 | 173 | 11 | 5,171 | - | 207 | 11,200 |
| 1976-77 | 1,068 | 3,230 | 380 | 3,233 | 6,843 | 5,860 | 219 | 63 | 6,142 | - | 103 | 14,156 |
| 1977-78 | 1,011 | 2,044 | 319 | 2,007 | 4,370 | 6,314 | 230 | 28 | 6,572 | 10 | 96 | 12,059 |
| 1978-79 | 840 | 1,938 | 245 | 2,398 | 4,581 | 6,662 | 232 | 28 | 6,922 | 4 | 103 | 12,450 |
| 1979-80 | 1,063 | 1,591 | 240 | 832 | 2,663 | 5,901 | 253 | 19 | 6,173 | - | 79 | 9,978 |
| 1980-81 | 928 | 1,887 | 215 | 148 | 2,250 | 6,874 | 260 | 24 | 7,158 | 55 | 104 | 10,495 |
| | | | | | GRAPEFRUIT | | | | | | | |
| 1971-72 | 4,174 | 937 | 41 | 13 | 991 | 4,812 | 13 | 5 | 4,830 | - | 47 | 10,042 |
| 1972-73 | 3,785 | 1,396 | 15 | 48 | 1,459 | 5,282 | 18 | 1 | 5,301 | - | 47 | 10,592 |
| 1973-74 | 2,900 | 1,314 | 38 | 67 | 1,419 | 8,531 | 15 | 16 | 8,562 | - | 75 | 12,956 |
| 1974-75 | 2,967 | 2,082 | 60 | 1 | 2,143 | 7,345 | 15 | 8 | 7,368 | 2 | 71 | 12,551 |
| 1975-76 | 3,487 | 4,111 | 95 | - | 4,206 | 7,926 | 23 | 8 | 7,957 | - | 54 | 15,704 |
| 1976-77 | 3,127 | 3,491 | 84 | 173 | 3,748 | 8,158 | 23 | 7 | 8,188 | - | 62 | 15,125 |
| 1977-78 | 3,328 | 4,431 | 68 | - | 4,499 | 6,676 | 24 | 6 | 6,706 | - | 84 | 14,617 |
| 1978-79 | 2,673 | 4,017 | 97 | - | 4,114 | 8,462 | 20 | 7 | 8,489 | 6 | 67 | 15,349 |
| 1979-80 | 3,123 | 4,709 | 78 | - | 4,787 | 6,952 | 19 | 7 | 6,978 | 5 | 70 | 14,963 |
| 1980-81 | 2,814 | 4,456 | 88 | - | 4,544 | 8,707 | 23 | 11 | 8,741 | 1 | 169 | 16,269 |

(a) Includes USSR
(b) Mexico, Central & South America, Caribbean, Africa, Australia and other Pacific Islands

Carton Weights: Oranges - 35 lb.; Lemons & Limes - 38 lb.; Grapefruit - 40 lb.

Source: USDA - Foreign Agriculture Circular

TABLE 51

ORANGES AND TANGERINES
PRODUCED, PROCESSED AND EXPORTED
BY SELECTED SOUTHERN HEMISPHERE COUNTRIES
(1976-77 to 1980-81)

| COUNTRIES | 1976-77 | 1977-78 | 1978-79 | 1979-80 | 1980-81 |
|---|---|---|---|---|---|
| | 1,000 CARTONS (37.5 lbs.) | | | | |
| Argentina | | | | | |
| Produced | 58,212 | 54,390 | 54,684 | 54,155 | 59,682 |
| Processed | 6,468 | 5,880 | 2,411 | 3,116 | 3,881 |
| Exported(a) | 1,764 | 1,588 | 647 | 412 | 1,176 |
| Australia | | | | | |
| Produced | 22,579 | 23,579 | 25,108 | 25,402 | 24,284 |
| Processed | 11,466 | 11,584 | 13,465 | 12,701 | 12,995 |
| Exported(a) | 1,235 | 1,529 | 2,352 | 1,940 | 2,058 |
| Brazil* | | | | | |
| Produced | 357,916 | 482,454 | 506,797 | 553,014 | 548,839 |
| Processed | 148,764 | 280,711 | 295,058 | 323,870 | 335,866 |
| Exported(a) | 2,117 | 2,822 | 5,645 | 7,350 | 4,998 |
| South Africa | | | | | |
| Produced | 27,224 | 35,280 | 34,045 | 33,222 | 33,457 |
| Processed | 5,351 | 8,232 | 8,938 | 7,762 | 7,644 |
| Exported(a) | 17,699 | 21,874 | 20,992 | 21,344 | 21,756 |

(a) Fresh
* Sao Paulo State only.

Source: USDA - FAC

TABLE 52

LEMONS
PRODUCED, PROCESSED AND EXPORTED
BY SELECTED SOUTHERN HEMISPHERE COUNTRIES
(1976-77 to 1980-81)

| COUNTRY | 1976-77 | 1977-78 | 1978-79 | 1979-80 | 1980-81 |
|---|---|---|---|---|---|
| | 1,000 CARTONS (38 lbs.) | | | | |
| Argentina | | | | | |
| Produced | 18,568 | 16,247 | 17,466 | 22,978 | 23,791 |
| Processed | 5,513 | 4,932 | 8,588 | 7,427 | 7,021 |
| Exported(a) | 986 | 1,451 | 2,495 | 928 | 1,451 |
| Australia | | | | | |
| Produced | 2,147 | 2,785 | 2,263 | 2,727 | 2,379 |
| Processed | 1,219 | 1,509 | 1,393 | 1,451 | 1,277 |
| Exported(a) | - | 58 | 290 | 58 | 116 |
| Brazil* | | | | | |
| Produced | 21,528 | 21,064 | 21,296 | NA | NA |
| Processed | NA | NA | NA | NA | NA |
| Exported**(a) | 15 | NA | NA | NA | NA |
| Chile | | | | | |
| Produced | 3,771 | 4,004 | 4,294 | 3,656 | 4,062 |
| Processed | 58 | 58 | 58 | 58 | 58 |
| Exported(a) | 232 | 174 | 290 | 348 | 406 |
| South Africa | | | | | |
| Produced | 1,451 | 1,973 | 1,973 | 2,147 | 2,435 |
| Processed | 406 | 464 | 522 | 464 | 522 |
| Exported(a) | 870 | 1,277 | 1,277 | 1,509 | 1,683 |

(a) Fresh
* Sao Paulo State only.
** Lemons & Limes
NA: Not Available

Source: USDA - FAC

TABLE 53

UNITED STATES IMPORTS OF CITRUS PRODUCTS FOR CONSUMPTION
(1972 to 1981)

| Year | Juice | | | | | Oil | | | | Peel* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Concentrated | | | Not Concentrated | | Orange | Grape-fruit | Lemon | Lime | Orange | Lemon |
| | Orange | Lime | Other | Lime | Other | | | | | | |
| | 1,000 Gallons | | | | | 1,000 Pounds | | | | | |
| 1972 | 38,075 | 387 | 2,752 | 664 | 79 | 570 | 21 | 1,178 | 942 | 1,184 | 535 |
| 1973 | 20,146 | 250 | 171 | 636 | 129 | 1,122 | 21 | 464 | 971 | 676 | 824 |
| 1974 | 18,248 | 299 | 17 | 593 | 125 | 1,107 | 59 | 558 | 1,165 | 1,013 | 295 |
| 1975 | 33,046 | 809 | 10 | 732 | 91 | 735 | 20 | 543 | 940 | 526 | 167 |
| 1976 | 31,402 | 1,161 | 5 | 62 | 116 | 747 | 26 | 634 | 966 | 931 | 182 |
| 1977 | 47,926 | 496 | 273 | 128 | 122 | 412 | 32 | 622 | 1,388 | 1,255 | 199 |
| 1978 | 150,741 | 934 | 157 | 74 | 148 | 2,978 | 90 | 1,012 | 1,630 | 1,379 | 273 |
| 1979 | 160,018 | 2,137 | 1,902 | 54 | 222 | 6,074 | 60 | 1,484 | 1,794 | 522 | 180 |
| 1980 | 100,014 | 1,370 | 1,943 | 26 | 1,008 | 4,969 | 39 | 1,898 | 1,413 | 978 | 141 |
| 1981 | 214,231 | 883 | 1,296 | 34 | 10,097 | 4,658 | 93 | 706 | 1,172 | 1,036 | 190 |

*Includes prepared, preserved, crude, dried or in brine.
Source: USDC - U.S. Foreign Trade: FT 246, IM 146 - Imports TSUSA

TABLE 54

UNITED STATES IMPORTS OF FRESH CITRUS FOR CONSUMPTION
(1972 to 1981)

| YEAR | ORANGES | GRAPEFRUIT | LEMONS | LIMES | OTHERS | TOTAL |
|---|---|---|---|---|---|---|
| | 1,000 Pounds | | | | | |
| 1972 | 190,725 | 17,355 | 74 | 3,606 | 1,273 | 213,033 |
| 1973 | 212,677 | 15,199 | 175 | 4,884 | 1,713 | 234,648 |
| 1974 | 200,172 | 12,793 | 171 | 7,017 | 1,620 | 221,773 |
| 1975 | 133,057 | 8,654 | 115 | 8,721 | 1,561 | 152,108 |
| 1976 | 133,970 | 14,382 | 186 | 10,231 | 1,006 | 159,775 |
| 1977 | 161,810 | 17,439 | 565 | 18,211 | 472 | 198,497 |
| 1978* | 124,445 | 13,181 | 296 | 28,251 | 58,178 | 224,351 |
| 1979 | 128,507 | 9,594 | 923 | 22,233 | 37,672 | 198,929 |
| 1980 | 99,412 | 22,001 | 318 | 38,149 | 33,553 | 193,433 |
| 1981 | 94,045 | 15,221 | 312 | 46,890 | 38,514 | 194,982 |

* Beginning 1978 substantial volume of mandarin & tangerines were imported.

Source: USDC - U.S. Foreign Trade: FT246, IM146 - Imports TSUSA

TABLE 55

U.S. CUSTOMS DUTIES 1/ ON SELECTED
FRESH AND PROCESSED CITRUS FRUIT PRODUCTS

| Description of Item | Rates of Duty |
|---|---|
| Fresh Grapefruit | |
| August 1 - September 30 | 1.0¢ per lb. |
| Month of October | 0.8¢ per lb. |
| November 1 - July 31 | 1.3¢ per lb. |
| Fresh Lemons | 1.25¢ per lb. |
| Fresh Limes | 1.0¢ per lb. |
| Fresh Tangerines | 1.0¢ per lb. |
| Fresh Oranges | 1.0¢ per lb. |
| Citrus Juices 2/ | |
| Lime - Not Concentrated | 10.0¢ per gal. |
| Lime - Concentrated | 10.0¢ per gal. |
| Orange, Grapefruit & Lemon - Not concentrated | 20.0¢ per gal. |
| Orange - Concentrated | 35.0¢ per gal. |
| Grapefruit & Lemon - Concentrated | 35.0¢ per gal. |
| Lemonade | 1.0¢ per gal. |
| Flavorings | |
| In ampoules, capsules, tablets or similar forms | 5.3% ad val. |
| Without definite forms | 6.0% ad val. |
| Citrus Oils | |
| Bergamot | Free |
| Grapefruit | 6.0% ad val. |
| Lemon | 8.5% ad val. |
| Lemongrass | Free |
| Lime | Free |
| Orange | 6.0% ad val. |
| Pectin | 5.0% ad val. |

1/ These duties apply to imported commodities from countries to which the United States extends most-favored-nation treatment.

2/ Duty is applied to imported citrus juices on a single strength basis. Thus the duty is applied to imports of concentrated citrus juice on a single strength equivalent basis.

Source: United Stated International Trade Commission, Tariff Schedules of United States Annotated (1982).

TABLE 56

NUMERICAL CLASSIFICATION FOR TARIFF AND
TRADE DATA ON SELECTED FRESH CITRUS PRODUCTS

| Commodity Description | TSUSA 1/ | CCCN 2/ | SITC 3/ | Schedule B 4/ |
|---|---|---|---|---|
| Grapefruit | | | | |
| August - September | 147.0300 | 08.02D | 057.22 | 147.1500 |
| October | 147.0700 | 08.02D | 057.22 | 147.1500 |
| November - July | 147.1500 | 08.02D | 057.22 | 147.1500 |
| Lemons | 147.1900 | 08.02C | 057.21 | 147.1900 |
| Limes | 147.2200 | 08.02C | 057.21 | 147.2200 |
| Oranges | | | | |
| Tangerines | 147.3120 | 08.02B | 057.12 | 147.3120 |
| Navels & Valencias | 147.3140 | 08.02A | 057.11 | 147.3140 |

1/ Tariff Schedules of the United States Annotated (These classifications do not include imports from Cuba)
2/ Customs Cooperation Council Nomenclature (formerly the Brussels Tariff Nomenclature.)
3/ Standard International Trade Classification
4/ Statistical Classification of Domestic and Foreign Comodities Exported from the United States.

TABLE 57

NUMERICAL CLASSIFICATION FOR TARIFF AND
TRADE DATA ON SELECTED PROCESSED CITRUS PRODUCTS

| Commodity Description | TSUSA[1/] | CCCN[2/] | SITC[3/] |
|---|---|---|---|
| Juices | | | |
| Lime - Not Concentrated | 165.2520 | 20.07 | 058.5 |
| Lime - Concentrated | 165.2540 | 20.07 | 058.5 |
| Orange, Grapefruit & Lemon - Not Concentrated | 165.3000 | 20.07 | 058.5 |
| Orange - Concentrated | 165.3540 | 20.07 | 058.5 |
| Grapefruit & Lemon - Concentrated | 165.3570 | 20.07 | 058.5 |
| Lemonade | 166.2000 | 22.02 | 111.02 |
| Oils | | | |
| Bergamot | 452.0600 | 33.01 | 551.30 |
| Grapefruit | 452.2800 | 33.01 | 551.30 |
| Lemon | 452.3400 | 33.01 | 551.30 |
| Lemongrass | 452.3600 | 33.01 | 551.30 |
| Lime | 452.3800 | 33.01 | 551.30 |
| Orange | 452.4400 | 33.01 | 551.30 |
| Pectin | 455.0400 | 13.03 | 292.91 |

1/ Tariff Schedules of the United States Annotated
2/ Customs Cooperation Council Nomenclature (formerly the Brussels Tariff Nomenclature)
3/ Standard International Trade Classification